Post-Impoundment Experimental Fishing, Southern Indian Lake, Manitoba: Catches (1982) and *Triaenophorus crassus* Cyst Counts in Lake Whitefish (1978, 1979, 1982)

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Fisheries and Aquatic Sciences 401

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TABLE OF CONTENTS

	Page
ABSTRACT/RESUME	v
INTRODUCTION	1
MATERIALS AND METHODS	1
Study area	1
Collection of specimens	1
ACKNOWLEDGMENTS	1
REFERENCES	1

LIST OF FIGURES

Figure		Page
1	Map of Southern Indian Lake, Manitoba with experimental fishing stations which have been utilized over the period 1972-1982	2

LIST OF TABLES

Each of Tables 1-13 gives catch per unit of effort and number of individual fish species caught in six mesh size panels of experimental gill nets at the date and station listed.

Table	Year	Station	Dates	Page
1	1982	40	29 June, 2, 21 August	3
2	1982	41	1 July, 5, 23 August	4
3	1982	42	2 July, 7 August	5
4	1982	43	30 June, 3, 22 August	6
5	1982	50	22 June, 26-27 July, 15-16 August	7
6	1982	51	25 June, 31 July, 18 August	8
7	1982	52	26 June, 30 July, 19 August	9
8	1982	53	23 June, 28 July, 17 August	10
9	1982	60	14, 15 June	11
10	1982	60	16, 18 June	11
11	1982	61	4,8, 9 June	12
12	1982	61	10, 11 June	12
13	1982	62	17 June	13

Each of Tables 14-61 gives the number of *Triaenophorus crassus* cysts found in the body musculature of lake whitefish caught in experimental gillnets at the date and station listed, along with the external coloration, length, weight and mesh size of capture for each fish.

Table	Year	Station	Date(s)	Page
14	1978	40	26 July	14
15	1978	43	27 July	17
16	1978	51	29 July	19
17	1979	40	9 July	21
18	1979	40	11 July	23
19	1979	40	25 August	24
20	1979	41	29-30 August	25
21	1979	41	14 August	27
22	1979	42	1-2 July	28
23	1979	42	15 August	29
24	1979	43	8 July	30
25	1979	43	12 August	32
26	1979	43	24 August	33
27	1979	50	6 July	34
28	1979	50	3 August	35
29	1979	50	21 August	36
30	1979	51	3-4 July	37
31	1979	51	5 August	38
32	1979	52	7 July	39
33	1979	52	10 August	40
34	1979	52	22 August	41
35	1979	53	5 July	42
36	1979	53	4 August	43
37	1982	40	29 June	44
38	1982	40	2 August	45
39	1982	40	21 August	46
40	1982	41	1 July	47
41	1982	41	5 August	48
42	1982	41	23 August	52
43	1982	42	2 July	53
44	1982	42	7 August	54
45	1982	43	30 June	55

Table	Year	Station	Date(s)	Page
46	1982	43	3 August . .	56
47	1982	43	22 August .	57
48	1982	50	22 June . .	58
49	1982	50	26-27 July .	59
50	1982	50	15 August .	60
51	1982	51	25 June . .	62
52	1982	51	31 July . .	63
53	1982	51	18 August .	64
54	1982	52	26 June . .	65
55	1982	52	30 July . .	66
56	1982	52	19 August .	68
57	1982	53	23 June . .	70
58	1982	53	28 July . .	71
59	1982	53	17 August .	72
60	1982	60	14-18 June .	73
61	1982	61 & 62	8-17 June .	75

ABSTRACT

Bodaly, R.A., C.J. Hrenchuk, and R.J.P. Fudge. 1983. Post-impoundment experimental fishing, Southern Indian Lake, Manitoba: catches (1982) and Triaenophorus crassus cyst counts in lake whitefish (1978, 1979, 1982). Can. Data Rep. Fish. Aquat. Sci. 401: v + 75 p.

Data are presented on catch per unit of effort of all species and Triaenophorus cyst counts in lake whitefish (Coregonus clupeaformis (Mitchill)) from experimental fish catches in Southern Indian Lake, Manitoba.

Experimental gillnetting was carried out in 1972, 1974, 1975 and 1976, prior to the impoundment of the lake and was carried out in 1978, 1979 and 1982 after lake impoundment. The 1982 catch data are presented in this report. Ten species of fish were captured: lake whitefish, walleye, Stizostedion vitreum (Mitchill); northern pike, Esox lucius L.; white sucker, Catostomus commersoni (Lacepede); longnose sucker Catostomus catostomus (Forster); burbot, Lota lota (Linnaeus); cisco (a mixture of Coregonus artedii Leseuer and C. nigripinnis (Gill)); perch, Perca flavescens (Mitchill), and goldeye, Hiodon alosoides (Rafinesque). Data on the numbers of each species captured in each mesh size panel of each gillnet gang set are presented in tabular form.

Most lake whitefish captured in experimental gillnets after lake impoundment were cut to reveal the number of Triaenophorous crassus cysts in the muscle mass. The 1978, 1979 and 1982 data are presented in this report. Data are presented in tabular form, on the number of cysts in each fish, along with fish length and weight, for each mesh size panel of each gillnet gang set.

Key words: freshwater fish; catch/effort; reservoirs (water).

RESUME

Bodaly, R.A., C.J. Hrenchuk, and R.J.P. Fudge. 1983. Post-impoundment experimental fishing, Southern Indian Lake, Manitoba: catches (1982) and Triaenophorus crassus cyst counts in lake whitefish (1978, 1979, 1982). Can. Data Rep. Fish. Aquat. Sci. 401: v + 75 p.

On présente des données sur les prises par effort unitaire de pêche pour toutes les espéces et des résultats de dénombrements de kystes de Triaenophorus chez des grands corégones (Coregonus clupeaformis (Mitchill)) capturés lors de pêches expérimentales effectuées dans le Lac sud des Indiens (Manitoba).

Des pêches expérimentales au filet maillant ont été effectuées avant (1972, 1974, 1975 et 1976) et après (1978, 1979 et 1982) la construction d'un barrage de retenue. Le présent rapport traite des prises de 1982. Dix espéces de poissons ont été capturées: grand corégone, doré jaune, Stizostedion vitreum (Mitchill); grand brochet, Esox lucius L.; meunier noir, Catostomus commersoni (Lacépède); meunier rouge, Catostomus catostomus (Forster); lotte, Lota lota (Linnaeus); ciscos (Coregonus artedii Lesueur et C. nigripinnis (Gill)); perchaude, Perca flavescens (Mitchill), et laquaiche aux yeux d'or, Hiodon alosoides (Rafinesque). Les données relatives aux nombres d'individus de chaque espèce capturés sont présentées, sous forme de tableaux, en fonction de chaque face de mailles données de chaque série de filets maillants.

La plupart des grands corégones capturés lors des pêches experimentales aux filets maillants, après la construction du barrage de retenue, ont été découpés pour le dénombrement des kystes de Triaenophorus crassus dans les tissus musculaires. Les données de 1978, 1979 et 1982 sont présentées au rapport. On donne, sous forme de tableaux, le nombre de kystes, la longueur et la masse des poissons pour chaque face de filets de mailles données de chaque série de filets.

Mots-clés: poisson d'eau douce; prises/effort; réservoirs (eau).

INTRODUCTION

As part of larger fisheries and limnology studies concerning the ecological effects of hydroelectric flooding and river diversion in northern Manitoba, a large amount of experimental fishing effort has been expended on Southern Indian Lake over the period 1972-1982. Data from the period 1972-1979 were presented in Bodaly et al. (1980a). The present report gives data for the catch per unit of effort and numbers of fish caught in experimental gillnet gangs in Southern Indian Lake in 1982, six years after lake impoundment and Churchill River diversion and the data for Triaenophorous crassus cyst levels in lake whitefish caught in experimental gillnets in 1978, 1979 and 1982.

MATERIALS AND METHODS

STUDY AREA

Southern Indian Lake is located in north central Manitoba (57°N; 99°W) on the Churchill River (Fig. 1). Prior to flooding and diversion, the Churchill River entered Southern Indian Lake at the southwest extremity of the lake and exited at Missi Falls, off the northern lake basin (Fig. 1). In the summer of 1976, the lake level was raised by 3 m above the mean level by a control structure at Missi Falls, and 85% of the flow of the Churchill River through the lake began to be diverted into the Nelson River basin where the majority of the hydroelectric potential of the system will be generated (Fig. 1). Southern Indian Lake has a post-flooding surface area of 2391 km^2 (pre-flooding surface area was 1977 km^2) and has a post-flooding mean depth of 10 m (pre-flooding mean depth was 9 m) (McCullough 1981).

COLLECTION OF SPECIMENS

Experimental gillnet fishing was conducted in the summers of 1978, 1979 and 1982 at or near specific fishing stations (Fig. 1). These stations are denoted by a two digit code. A standard gang of nets were used throughout these studies which consisted of six 46 m (50 yd) multi-filament nylon gill nets of stretch mesh sizes 13.3 cm (5 1/4 in), 10.8 cm (4 1/4 in), 8.9 cm (3 1/2 in), 7.0 cm (2 3/4 in), 5.1 cm (2 in), and 3.8 cm (1 1/2 in). Nets were set in the following order: largest mesh, smallest mesh, next largest mesh, next smallest mesh, etc. Two gangs were generally set at each fishing site, one shallow (6-10 meters) and one deep (11 meters or greater). All sets were bottom sets and were generally set between 1700-1800 h and raised the following day between 0800-0900 h, weather permitting. The number of fish of each species caught in each 46 m (50 yd) net of a particular mesh size, standardized to a 16 h fishing period, was used as a measure of catch per unit of effort. Most lake whitefish captured were weighed (round weight, taken usually to the nearest 25 g) and lengthed (fork length, taken to the nearest mm). External coloration was subjectively evaluated as light (L), intermediate (L/D), or dark (D) following, as closely as possible, procedures utilized in sorting commercial catches (Bodaly et al. 1980b). The body musculature was cut into 0.5 cm transverse strips to expose all Triaenophorus crassus cysts.

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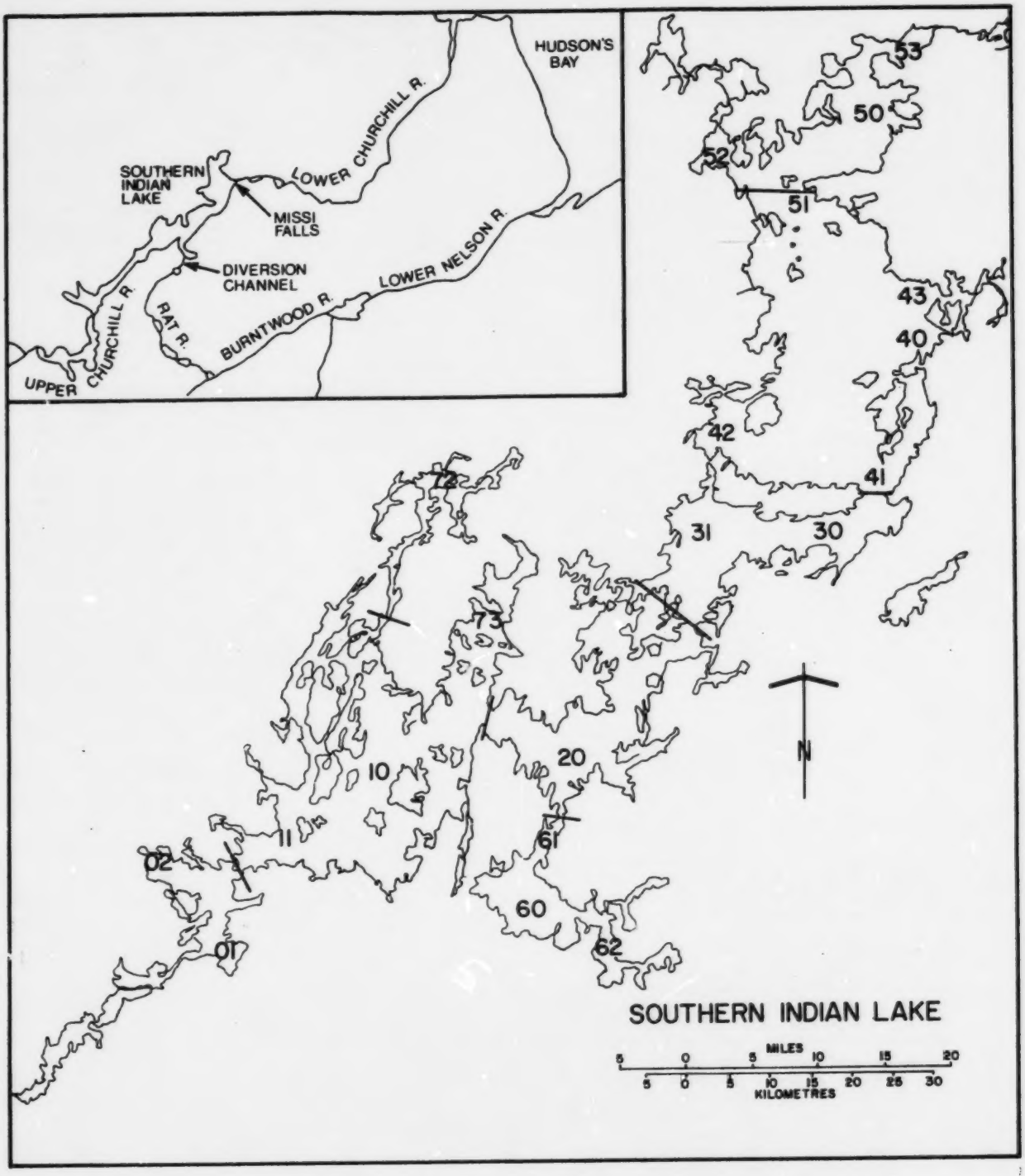

Fig. 1. Map of Southern Indian Lake, Manitoba with experimental fishing stations which have been utilized over the period 1972-1982. Also shown is the relation of Southern Indian Lake to the Churchill River diversion.

Table 1. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, station 40, 29 June, 2 Aug, 21 Aug, 1982, S.I.L.

Species	Mesh / Date	1 1/2 in Shallow	1 1/2 in Deep	2 in Shallow	2 in Deep	2 3/4 in Shallow	2 3/4 in Deep	3 1/2 in Shallow	3 1/2 in Deep	4 1/4 in Shallow	4 1/4 in Deep	5 1/4 in Shallow	5 1/4 in Deep
Whitefish	29 June	3.20 (3)	0.97 (1)	11.73 (11)	0.97 (1)	6.40 (6)	10.67 (11)	1.07 (1)	6.79 (7)	0	0.97 (1)	2.13 (2)	0
	2 Aug	5.68 (5)	5.30 (5)	6.82 (6)	4.24 (4)	5.68 (5)	2.12 (2)	6.82 (6)	1.06 (1)	2.27 (2)	0	0	1.06 (1)
	21 Aug	3.41 (3)	1.21 (1)	5.68 (5)	0	0	0	1.14 (1)	2.42 (2)	2.27 (2)	0	1.14 (1)	0
Walleye	29 June	0	0	0	0	0	0	0	0.97 (1)	0	0	0	0
	2 Aug	0	0	0	0	0	0	0	0	0	0	0	0
	21 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Northern pike	29 June	0	0	1.07 (1)	2.91 (3)	4.27 (4)	0	2.13 (2)	8.73 (9)	0	0	0	0
	2 Aug	3.41 (3)	0	4.54 (4)	2.12 (2)	5.68 (5)	6.36 (6)	2.27 (2)	0	2.27 (2)	0	0	0
	21 Aug	0	1.21 (1)	4.54 (4)	2.42 (2)	2.27 (2)	2.42 (2)	3.41 (3)	0	0	0	0	0
White sucker	29 June	1.07 (1)	0	4.27 (4)	0.97 (1)	6.40 (6)	0	1.07 (1)	2.91 (3)	1.07 (1)	2.91 (3)	1.07 (1)	0
	2 Aug	0	0	0	0	0	0	1.14 (1)	0	1.14 (1)	0	0	0
	21 Aug	0	0	0	0	1.14 (1)	1.21 (1)	1.14 (1)	0	0	0	0	0
Longnose sucker	29 June	1.07 (1)	0	0	0	0	2.91 (3)	1.07 (1)	1.94 (2)	2.13 (2)	2.91 (3)	0	0
	2 Aug	4.54 (4)	2.12 (2)	1.14 (1)	3.18 (3)	2.27 (2)	9.54 (9)	0	10.60 (10)	4.54 (4)	4.24 (4)	4.54 (4)	3.18 (3)
	21 Aug	0	4.84 (4)	4.54 (4)	4.84 (4)	6.82 (6)	3.63 (3)	9.09 (8)	4.84 (4)	6.82 (6)	7.26 (6)	2.27 (2)	0
Burbot	29 June	1.07 (1)	0	0	0	0	1.94 (2)	0	0	1.07 (1)	0	0	0
	2 Aug	0	1.06 (1)	0	0	0	1.06 (1)	0	0	0	0	0	0
	21 Aug	0	0	0	0	0	0	0	0	1.14 (1)	0	0	0
Cisco	29 June	0	0.97 (1)	2.13 (2)	0.97 (1)	1.07 (1)	0	0	0.97 (1)	0	0	0	0
	2 Aug	3.41 (3)	9.54 (9)	4.54 (4)	4.24 (4)	4.54 (4)	4.24 (4)	1.14 (1)	2.12 (2)	1.14 (1)	1.06 (1)	0	0
	21 Aug	3.41 (3)	10.89 (9)	0	7.26 (6)	2.27 (2)	0	1.14 (1)	1.21 (1)	0	0	0	0
Sauger	29 June	0	0	1.07 (1)	0	0	0	0	0	0	0	0	0
	2 Aug	0	0	0	0	0	0	0	0	0	0	0	0
	21 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Yellow perch	29 June	0	0	0	0	0	0	0	0	0	0	0	0
	2 Aug	0	0	0	0	0	0	0	0	0	0	0	0
	21 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	29 June	0	0	0	0	0	0	0	0	0	0	0	0
	2 Aug	0	0	0	0	0	0	0	0	0	0	0	0
	21 Aug	0	0	0	0	0	0	0	0	0	0	0	0

Table 2. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, station 41, 1 July, 5 Aug, 23 Aug, 1982, S.I.L.

Mesh		1 1/2 in		2 in		2 3/4 in		3 1/2 in		4 1/4 in		5 1/4 in	
Species	Date	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep	Shallow	Deep
Whitefish	1 July	5.85 (6)	0	3.90 (4)	6.86 (6)	0.97 (1)	8.00 (7)	0.97 (1)	1.14 (1)	0.97 (1)	1.14 (1)	0	1.14 (1)
	5 Aug	14.77 (13)	12.48 (12)	22.72 (20)	27.04 (26)	7.95 (7)	57.20 (55)	4.54 (4)	60.32 (58)	5.68 (5)	34.32 (33)	1.14 (1)	14.56 (14)
	23 Aug	1.07 (1)	4.32 (4)	1.07 (1)	1.08 (1)	3.22 (3)	4.32 (4)	3.22 (3)	1.08 (1)	2.15 (2)	0	0	1.08 (1)
Walleye	1 July	0	0	0	0	0	0	0	0	0	0	0	0
	5 Aug	0	0	0	0	0	0	0	0	0	0	0	0
	23 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Northern pike	1 July	0.97 (1)	0	0	0	0.07 (1)	0	1.95 (2)	0	0	0	0	0
	5 Aug	1.14 (1)	0	0	0	4.54 (4)	0	2.27 (2)	1.04 (1)	1.14 (1)	0	0	0
	23 Aug	0	0	0	0	0	0	0	2.16 (2)	0	0	0	0
White sucker	1 July	0	0	0.97 (1)	0	2.92 (3)	0	0	0	0	0	0	0
	5 Aug	0	0	0	0	2.27 (2)	0	1.14 (1)	0	0	0	0	0
	23 Aug	0	0	0	0	3.22 (3)	0	0	1.08 (1)	1.07 (1)	1.08 (1)	0	0
Longnose sucker	1 July	0	1.14 (1)	0.97 (1)	2.29 (2)	0	1.14 (1)	1.95 (2)	4.57 (4)	0.97 (1)	0	0	0
	5 Aug	2.27 (2)	3.12 (3)	2.27 (2)	3.12 (3)	2.27 (2)	9.36 (9)	9.09 (8)	0	7.95 (7)	1.04 (1)	4.54 (4)	2.08 (2)
	23 Aug	2.15 (2)	1.08 (1)	6.44 (6)	4.32 (4)	4.29 (4)	4.32 (4)	11.80 (11)	6.48 (6)	6.44 (6)	11.88 (11)	6.44 (6)	3.24 (3)
Burbot	1 July	1.95 (2)	0	0	0	0	1.14 (1)	2.92 (3)	2.29 (2)	1.95 (2)	0	0.97 (1)	0
	5 Aug	0	1.04 (1)	0	9.36 (9)	1.14 (1)	2.08 (2)	1.14 (1)	11.44 (11)	0	2.08 (2)	0	0
	23 Aug	0	0	0	1.08 (1)	1.07 (1)	0	4.29 (4)	0	0	0	0	0
Cisco	1 July	1.95 (2)	3.43 (3)	4.87 (5)	20.57 (18)	3.90 (4)	26.29 (23)	3.90 (4)	3.43 (3)	0	0	0	1.14 (1)
	5 Aug	4.54 (4)	1.04 (1)	1.14 (1)	0	0	0	0	0	1.14 (1)	0	0	0
	23 Aug	6.44 (6)	3.24 (3)	12.87 (12)	2.16 (2)	5.36 (5)	4.32 (4)	2.15 (2)	1.08 (1)	0	1.08 (1)	0	0
Sauger	1 July	0	0	0	0	0	0	0.97 (1)	0	0	0	0	0
	5 Aug	0	0	0	0	0	0	0	0	0	0	0	0
	23 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Yellow perch	1 July	0	0	0	0	0	0	0	0	0	0	0	0
	5 Aug	0	0	0	0	0	0	0	0	0	0	0	0
	23 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	1 July	0	0	0	0	0	0	0	0	0	0	0	0
	5 Aug	0	0	0	0	0	0	0	0	0	0	0	0
	23 Aug	0	0	0	0	0	0	0	0	0	0	0	0

Table 3. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, station 42, 2 July, 7 Aug, 1982, S.I.L.

Species	Mesh / Date	1 1/2 in Shallow	1 1/2 in Deep	2 in Shallow	2 in Deep	2 3/4 in Shallow	2 3/4 in Deep	3 1/2 in Shallow	3 1/2 in Deep	4 1/4 in Shallow	4 1/4 in Deep	5 1/4 in Shallow	5 1/4 in Deep
Whitefish	2 July	1.93 (2)	4.80 (5)	0.96 (1)	0.91 (1)	0	0.96 (1)	2.89 (3)	3.84 (4)	0	0.96 (1)	0	0.96 (1)
	7 Aug	3.42 (3)	0	1.14 (1)	19.62 (18)	0	14.17 (13)	0	13.08 (12)	0	1.09 (1)	1.14 (1)	0
Walleye	2 July	0	0	0	0	0	0	0	0	0	0	0	0
	7 Aug	0	0	0	0	1.14 (1)	0	0	0	0	0	0	0
Northern pike	2 July	0	0	6.75 (7)	0	8.68 (9)	1.92 (2)	5.79 (6)	0.96 (1)	0.96 (1)	0	0	0
	7 Aug	0	0	2.28 (2)	0	10.26 (9)	0	0	0	0	0	0	0
White sucker	2 July	0	0	0.96 (1)	0	0	0	2.89 (3)	0	1.93 (2)	0	0	0
	7 Aug	0	0	0	0	4.56 (4)	0	10.26 (9)	1.09 (1)	2.28 (2)	0	0	0
Longnose sucker	2 July	0.96 (1)	0	0	1.92 (2)	0	2.88 (3)	4.82 (5)	0.96 (1)	2.89 (3)	0	0	0
	7 Aug	0	1.09 (1)	0	0	1.14 (1)	3.27 (3)	2.28 (2)	1.09 (1)	0	5.45 (5)	2.28 (2)	0
Burbot	2 July	0	0	0	0.96 (1)	0	0.96 (1)	0	3.84 (4)	0	0	0	0
	7 Aug	0	0	0	1.09 (1)	0	3.27 (3)	0	0	1.14 (1)	1.09 (1)	0	0
Cisco	2 July	1.93 (2)	0	2.89 (3)	4.80 (5)	0	0.96 (1)	1.93 (2)	0	0	0.96 (1)	0	0
	7 Aug	0	9.81 (9)	3.42 (3)	5.45 (5)	1.14 (1)	1.09 (1)	1.14 (1)	1.09 (1)	0	0	0	0
Sauger	2 July	0	0	0	0	0	0	0	0	0	0	0	0
	7 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Yellow perch	2 July	0	0	0	0	0	0	0	0	0	0	0	0
	7 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	2 July	0	0	0	0	0	0	0	0	0	0	0	0
	7 Aug	0	0	0	0	0	0	0	0	0	0	0	0

Table 4. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, station 43, 30 June, 3 Aug, 22 Aug, 1982, S.I.L.

Species	Mesh / Date	1 1/2 in Shallow	1 1/2 in Deep	2 in Shallow	2 in Deep	2 3/4 in Shallow	2 3/4 in Deep	3 1/2 in Shallow	3 1/2 in Deep	4 1/4 in Shallow	4 1/4 in Deep	5 1/4 in Shallow	5 1/4 in Deep
Whitefish	30 June	0	0	5.33 (5)	6.44 (6)	9.60 (9)	7.51 (7)	7.47 (7)	0	0	1.07 (1)	1.07 (1)	0
	3 Aug	2.12 (2)	13.91 (13)	1.06 (1)	4.28 (4)	2.12 (2)	2.14 (2)	3.18 (3)	1.07 (1)	0	0	0	0
	22 Aug	5.73 (6)	9.60 (10)	23.88 (25)	5.76 (6)	5.73 (6)	0	6.67 (7)	0.96 (1)	0	2.88 (3)	0	0
Walleye	30 June	0	0	0	0	1.07 (1)	0	0	0	0	0	0	0
	3 Aug	0	0	0	0	1.06 (1)	0	0	0	0	0	0	0
	22 Aug	0	0	0	0	0.96 (1)	0	0	0	0	0	0	0
Northern pike	30 June	0	0	10.67 (10)	0	20.27 (19)	0	25.60 (24)	2.15 (2)	0	1.07 (1)	0	0
	3 Aug	1.06 (1)	0	4.24 (4)	0	3.18 (3)	8.56 (8)	3.18 (3)	0	0	0	0	0
	22 Aug	0.96 (1)	0	0	0	4.78 (5)	1.92 (2)	0	7.68 (8)	0	0.96 (1)	0	0
White sucker	30 June	0	0	1.07 (1)	0	1.07 (1)	0	1.07 (1)	0	1.07 (1)	2.15 (2)	0	1.07 (1)
	3 Aug	0	0	5.30 (5)	0	2.12 (2)	6.42 (6)	10.60 (10)	1.07 (1)	8.48 (8)	0	1.06 (1)	0
	22 Aug	0	0	0	0	4.78 (5)	0.96 (1)	0	0	0	0.96 (1)	0	0
Longnose sucker	30 June	2.13 (2)	0	4.27 (4)	0	8.53 (8)	4.29 (4)	4.27 (4)	0	4.27 (4)	1.07 (1)	1.07 (1)	0
	3 Aug	1.06 (1)	1.07 (1)	4.24 (4)	14.98 (14)	3.18 (3)	6.42 (6)	2.12 (2)	8.56 (8)	5.30 (5)	2.14 (2)	2.12 (2)	4.28 (4)
	22 Aug	3.82 (4)	0	0.96 (1)	11.52 (12)	2.87 (3)	12.48 (13)	0	5.76 (6)	2.87 (3)	3.84 (4)	3.82 (4)	4.80 (5)
Burbot	30 June	0	0	0	1.07 (1)	0	1.07 (1)	0	5.36 (5)	0	2.15 (2)	1.07 (1)	0
	3 Aug	0	1.07 (1)	0	0	0	0	0	0	0	0	0	0
	22 Aug	0	0	0	0	0.96 (1)	0.96 (1)	0.96 (1)	1.92 (2)	0	0.96 (1)	0	0
Cisco	30 June	1.07 (1)	2.15 (2)	1.07 (1)	6.44 (6)	0	7.51 (7)	0	4.29 (4)	0	0	0	0
	3 Aug	1.06 (1)	5.35 (5)	1.06 (1)	0	1.06 (1)	0	0	0	0	0	0	0
	22 Aug	3.82 (4)	24.96 (26)	15.28 (16)	8.64 (9)	10.51 (11)	8.64 (9)	10.51 (11)	0.96 (1)	0	6.72 (7)	0	0
Sauger	30 June	0	0	0	0	0	0	0	0	0	0	0	0
	3 Aug	0	0	0	0	0	0	0	0	0	0	0	0
	22 Aug	0	0	0	0	0	0.96 (1)	0	0	0	0	0	0
Yellow perch	30 June	0	0	0	0	0	0	0	0	0	0	0	0
	3 Aug	0	0	0	0	0	0	0	0	0	0	0	0
	22 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	30 June	0	0	0	0	0	0	0	0	0	0	0	0
	3 Aug	0	0	0	0	0	0	0	0	0	0	0	0
	22 Aug	0	0	0	0	0	0	0	0	0	0	0	0

Table 5. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, station 50, 22 June, 26/27 July, 15/16 Aug, 1982, S.I.L.

Species	Mesh / Date	1 1/2 in Shallow	1 1/2 in Deep	2 in Shallow	2 in Deep	2 3/4 in Shallow	2 3/4 in Deep	3 1/2 in Shallow	3 1/2 in Deep	4 1/4 in Shallow	4 1/4 in Deep	5 1/4 in Shallow	5 1/4 in Deep
Whitefish	22 June	4.80 (4)	1.17 (1)	4.80 (4)	5.86 (5)	4.80 (4)	3.51 (3)	0	7.02 (6)	0	1.17 (1)	2.34 (2)	0
	26/27 July	8.56 (8)	1.03 (1)	3.21 (3)	10.30 (10)	6.42 (6)	8.24 (8)	3.21 (3)	2.06 (2)	0	1.03 (1)	2.14 (2)	0
	15/16 Aug	3.13 (3)	10.56 (11)	5.22 (5)	9.60 (10)	7.30 (7)	8.64 (9)	0	11.52 (12)	6.26 (6)	6.02 (7)	1.04 (1)	1.92 (2)
Walleye	22 June	0	0	0	0	0	0	0	0	0	0	0	0
	26/27 July	0	0	0	1.03 (1)	1.07 (1)	0	0	0	0	0	0	0
	15/16 Aug	1.04 (1)	0	1.04 (1)	1.92 (2)	5.22 (5)	0.96 (1)	6.26 (6)	0	2.09 (2)	0.96 (1)	0	0
Northern pike	22 June	0	2.34 (2)	7.20 (6)	2.34 (2)	9.60 (8)	0	3.60 (3)	2.34 (2)	0	0	0	0
	26/27 July	4.28 (4)	5.15 (5)	3.21 (3)	10.30 (10)	5.35 (5)	12.36 (12)	5.35 (5)	3.09 (3)	0	0	0	0
	15/16 Aug	2.09 (2)	0	3.13 (3)	2.88 (3)	1.04 (1)	4.80 (5)	11.47 (11)	3.84 (4)	1.04 (1)	0.96 (1)	0	0
White sucker	22 June	0	0	0	0	2.40 (2)	1.17 (1)	2.40 (2)	4.68 (4)	0	0	0	0
	26/27 July	0	0	0	2.06 (2)	3.21 (3)	7.21 (7)	7.49 (7)	9.27 (9)	0	0	0	0
	15/16 Aug	0	0	12.52 (12)	0	7.30 (7)	2.88 (3)	24.00 (23)	5.76 (6)	13.56 (13)	1.92 (2)	4.17 (4)	0
Longnose sucker	22 June	1.20 (1)	0	3.60 (3)	1.17 (1)	2.40 (2)	0	3.60 (3)	0	8.40 (7)	3.51 (3)	7.20 (6)	0
	26/27 July	2.14 (2)	0	5.35 (5)	5.15 (5)	8.56 (8)	8.24 (8)	8.56 (8)	12.36 (12)	5.35 (5)	6.18 (6)	6.42 (6)	2.06 (2)
	15/16 Aug	0	0.96 (1)	0	4.80 (5)	1.04 (1)	3.84 (4)	0	5.76 (6)	4.17 (4)	14.40 (15)	2.09 (2)	2.88 (3)
Burbot	22 June	0	0	0	0	0	0	0	1.17 (1)	0	1.17 (1)	0	0
	26/27 July	0	0	0	0	0	0	0	0	0	0	0	0
	15/16 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Cisco	22 June	31.20 (26)	4.68 (4)	0	0	0	0	0	0	0	0	0	0
	26/27 July	18.19 (17)	88.58 (86)	0	7.21 (7)	1.07 (1)	0	1.07 (1)	0	0	0	0	0
	15/16 Aug	89.74 (86)	95.04 (99)	2.09 (2)	2.88 (3)	0	1.92 (2)	1.04 (1)	0.96 (1)	0	0	0	0
Sauger	22 June	0	0	0	0	0	0	0	0	0	0	0	0
	26/27 July	0	0	0	0	0	0	0	0	0	0	0	0
	15/16 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Yellow perch	22 June	0	0	0	0	0	0	0	0	0	0	0	0
	26/27 July	0	0	0	0	0	0	0	0	0	0	0	0
	15/16 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	22 June	0	0	0	0	0	0	0	0	0	0	0	0
	26/27 July	0	0	0	0	0	0	0	0	0	0	0	0
	15/16 Aug	0	0	0	0	0	0	0	0	0	0	0	0

Table 6. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, station 51, 25 June, 31 July, 18 Aug, 1982, S.I.L.

Species	Mesh / Date	1 1/2 in Shallow	1 1/2 in Deep	2 in Shallow	2 in Deep	2 3/4 in Shallow	2 3/4 in Deep	3 1/2 in Shallow	3 1/2 in Deep	4 1/4 in Shallow	4 1/4 in Deep	5 1/4 in Shallow	5 1/4 in Deep
Whitefish	25 June	5.80 (5)	1.27 (1)	1.16 (1)	13.97 (11)	3.48 (3)	11.43 (9)	3.48 (3)	5.08 (4)	1.16 (1)	5.08 (4)	0	0
	31 July	10.10 (10)	3.09 (3)	8.08 (8)	11.33 (11)	1.01 (1)	8.24 (8)	2.02 (2)	4.12 (4)	1.01 (1)	1.03 (1)	1.01 (1)	0
	18 Aug	6.44 (6)	12.57 (11)	1.07 (1)	5.71 (5)	1.07 (1)	4.57 (4)	2.15 (2)	2.29 (2)	1.07 (1)	1.14 (1)	0	0
Walleye	25 June	0	0	1.16 (1)	0	1.16 (1)	1.27 (1)	0	0	0	0	0	0
	31 July	0	0	0	0	0	0	0	0	0	0	0	0
	18 Aug	0	0	0	0	1.07 (1)	0	0	0	0	0	0	0
Northern pike	25 June	0	0	4.64 (4)	3.81 (3)	12.76 (11)	3.81 (3)	5.80 (5)	2.54 (2)	0	0	1.16 (1)	0
	31 July	0	0	7.07 (7)	0	9.09 (9)	10.30 (10)	1.01 (1)	0	0	0	0	0
	18 Aug	1.07 (1)	1.14 (1)	6.44 (6)	0	9.65 (9)	3.43 (3)	7.51 (7)	2.29 (2)	1.07(1)	0	0	0
White sucker	25 June	0	0	2.32 (2)	0	4.64 (4)	0	1.16 (1)	0	0	0	1.16 (1)	0
	31 July	0	0	0	0	0	0	0	0	0	0	0	0
	18 Aug	0	0	0	0	0	0	0	1.14 (1)	1.07 (1)	0	0	0
Longnose sucker	25 June	2.32 (2)	0	3.48 (3)	3.81 (3)	6.96 (6)	5.08 (4)	12.76 (11)	3.81 (3)	2.32 (2)	1.27 (1)	3.48 (3)	0
	31 July	0	1.03 (1)	9.09 (9)	8.24 (8)	18.18 (18)	11.33 (11)	21.21 (21)	9.27 (9)	28.28 (28)	12.36 (12)	7.07 (7)	6.18 (6)
	18 Aug	2.15 (2)	2.29 (2)	12.87 (12)	3.43 (3)	17.16 (16)	16.00 (14)	22.52 (21)	17.14 (15)	32.18 (30)	4.57 (4)	0	13.71 (12)
Burbot	25 June	0	0	0	2.54 (2)	1.16 (1)	0	0	3.81 (3)	0	6.35 (5)	0	0
	31 July	0	1.03 (1)	0	0	0	1.03 (1)	1.01 (1)	2.02 (2)	0	0	0	0
	18 Aug	0	0	0	0	0	0	1.07 (1)	1.14 (1)	0	0	0	0
Cisco	25 June	4.64 (4)	2.54 (2)	2.32 (2)	3.81 (3)	0	3.81 (3)	0	5.08 (4)	0	2.54 (2)	0	0
	31 July	27.27 (27)	65.92 (64)	7.07 (7)	20.60 (20)	1.01 (1)	14.42 (14)	0	7.21 (7)	2.02 (2)	2.06 (2)	0	2.06 (2)
	18 Aug	37.54 (35)	49.14 (43)	15.02 (14)	4.57 (4)	21.45 (20)	12.57 (11)	7.51 (7)	3.43 (3)	4.29 (4)	0	15.02 (14)	1.14 (1)
Sauger	25 June	0	0	0	0	0	0	0	0	0	0	0	0
	31 July	0	0	0	0	0	0	0	0	0	0	0	0
	18 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Yellow perch	25 June	0	0	0	0	0	0	0	0	0	0	0	0
	31 July	0	0	0	0	0	0	0	0	0	0	0	0
	18 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	25 June	0	0	0	0	0	0	0	0	0	0	0	0
	31 July	0	0	0	0	0	0	0	0	0	0	0	0
	18 Aug	0	0	0	0	0	0	0	0	0	0	0	0

Table 7. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, station 52, 26 June, 30 July, 19 Aug, 1982, S.I.L.

Species	Mesh / Date	1 1/2 in Shallow	1 1/2 in Deep	2 in Shallow	2 in Deep	2 3/4 in Shallow	2 3/4 in Deep	3 1/2 in Shallow	3 1/2 in Deep	4 1/4 in Shallow	4 1/4 in Deep	5 1/4 in Shallow	5 1/4 in Deep
Whitefish	26 June	1.96 (2)	6.13 (6)	3.92 (4)	4.09 (4)	5.88 (6)	5.11 (5)	0	1.02 (1)	4.90 (5)	1.02 (1)	0	0
	30 July	5.35 (5)	2.06 (2)	19.26 (18)	8.24 (8)	18.07 (17)	14.42 (14)	8.56 (8)	7.21 (7)	1.07 (1)	6.18 (6)	1.07 (1)	3.09 (3)
	19 Aug	8.30 (8)	14.61 (14)	0	11.48 (11)	14.53 (14)	8.35 (8)	5.19 (5)	5.22 (5)	3.11 (3)	1.04 (1)	3.11 (3)	1.04 (1)
Walleye	26 June	1.96 (2)	0	4.90 (5)	1.02 (1)	3.92 (4)	2.04 (2)	1.96 (2)	4.09 (4)	0	5.11 (5)	0	0
	30 July	3.21 (3)	0	10.70 (10)	0	6.42 (6)	0	0	0	1.07 (1)	0	0	0
	19 Aug	4.15 (4)	0	1.04 (1)	1.04 (1)	8.30 (8)	2.09 (2)	4.15 (4)	1.04 (1)	2.09 (2)	2.09 (2)	0	0
Northern pike	26 June	7.84 (8)	1.02 (1)	8.82 (9)	12.26 (12)	15.68 (16)	15.32 (15)	3.92 (4)	6.13 (6)	0	1.02 (1)	0	0
	30 July	1.07 (1)	2.06 (2)	6.42 (6)	1.03 (1)	6.42 (6)	3.09 (3)	1.07 (1)	1.03 (1)	0	0	0	0
	19 Aug	3.11 (3)	2.09 (2)	0	6.26 (6)	5.19 (5)	5.22 (5)	3.11 (3)	5.22 (5)	1.04 (1)	0	0	0
White sucker	26 June	0	0	1.96 (2)	1.02 (1)	3.92 (4)	1.02 (1)	7.84 (8)	2.04 (2)	0	2.04 (2)	1.96 (2)	0
	30 July	0	0	2.14 (2)	0	0	1.03 (1)	6.42 (6)	0	0	1.03 (1)	0	0
	19 Aug	0	0	0	0	3.11 (3)	0	1.04 (1)	2.09 (2)	4.15 (4)	0	2.08 (2)	0
Longnose sucker	26 June	8.82 (9)	1.02 (1)	16.66 (17)	6.13 (6)	13.72 (14)	8.17 (8)	25.48 (26)	28.60 (28)	23.52 (24)	44.94 (44)	10.78 (11)	3.06 (3)
	30 July	3.21 (3)	0	7.49 (7)	4.12 (4)	2.14 (2)	1.03 (1)	17.12 (16)	4.12 (94)	6.42 (6)	4.12 (4)	1.07 (1)	0
	19 Aug	0	0	2.08 (2)	0	0	0	0	1.04 (1)	3.11 (3)	1.04 (1)	0	0
Burbot	26 June	0	0	0	0	0	0	0	2.04 (2)	0	2.04 (2)	0	0
	30 July	0	0	0	0	0	0	0	1.03 (1)	0	3.09 (3)	0	0
	19 Aug	0	0	1.04 (1)	0	0	0	0	0	1.04 (1)	0	0	1.04 (1)
Cisco	26 June	30.38 (31)	1.06 (50)	0.98 (1)	1.02 (1)	0.98 (1)	2.04 (2)	1.96 (2)	4.09 (4)	1.96 (2)	0	0	0
	30 July	10.70 (10)	37.08 (36)	9.63 (9)	5.15 (5)	5.35 (50)	8.24 (8)	1.07 (1)	2.06 (2)	0	2.06 (2)	0	0
	19 Aug	4.15 (4)	84.52 (81)	2.08 (2)	6.26 (6)	3.11 (3)	26.09 (25)	5.19 (5)	2.09 (2)	0	1.04 (1)	0	0
Sauger	26 June	0	0	0	0	0	0	0	0	0	0	0	0
	30 July	0	0	1.07 (1)	0	0	0	0	0	0	0	0	0
	19 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Yellow perch	26 June	0	1.02 (1)	0	0	0	0	0	0	0	0	0	0
	30 July	0	0	0	0	0	0	0	0	0	0	0	0
	19 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	26 June	0	0	0	0	0	0	0	0	0	0	0	0
	30 July	0	0	0	0	0	0	0	0	0	0	0	0
	19 Aug	0	0	0	0	0	0	0	0	0	0	0	0

Table 8. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gill nets, station 53, 23 June, 28 July, 17 Aug, 1982, S.I.L.

Species	Mesh / Date	1 1/2 in Shallow	1 1/2 in Deep	2 in Shallow	2 in Deep	2 3/4 in Shallow	2 3/4 in Deep	3 1/2 in Shallow	3 1/2 in Deep	4 1/4 in Shallow	4 1/4 in Deep	5 1/4 in Shallow	5 1/4 in Deep
Whitefish	23 June	0	1.05 (1)	0	0	1.04 (1)	0	0	2.10 (2)	1.04 (1)	0	0	0
	28 July	0	1.18 (1)	2.20 (2)	1.18 (1)	2.20 (2)	1.18 (1)	2.20 (2)	2.36 (2)	0	2.36 (2)	4.40 (4)	1.18 (1)
	17 Aug	1.18 (1)	10.47 (9)	3.54 (3)	3.49 (3)	4.72 (4)	2.33 (2)	1.18 (1)	3.49 (3)	0	1.16 (1)	0	1.16 (1)
Walleye	23 June	6.24 (6)	7.35 (7)	5.20 (5)	12.60 (12)	6.24 (6)	7.35 (7)	10.40 (10)	11.55 (11)	0	11.55 (11)	0	0
	28 July	2.20 (2)	0	9.90 (9)	7.08 (6)	4.40 (4)	11.80 (10)	4.40 (4)	2.36 (2)	1.10 (1)	1.18 (1)	0	0
	17 Aug	4.72 (4)	0	4.72 (4)	4.65 (4)	11.80 (10)	9.31 (8)	9.44 (8)	1.16 (1)	0	2.33 (2)	0	0
Northern pike	23 June	2.08 (2)	2.10 (2)	17.68 (7)	9.45 (9)	15.60 (15)	9.45 (9)	7.28 (7)	3.15 (3)	0	0	0	0
	28 July	5.50 (5)	5.90 (5)	5.50 (5)	3.54 (3)	3.30 (3)	4.72 (4)	0	3.54 (3)	0	0	0	0
	17 Aug	1.18 (1)	5.82 (5)	4.72 (4)	4.65 (4)	1.18 (1)	3.49 (3)	7.08 (6)	1.16 (1)	0	0	0	0
White sucker	23 June	0	0	1.04 (1)	1.05 (1)	12.48 (12)	1.05 (1)	9.36 (9)	5.25 (5)	0	8.40 (8)	0	1.05 (1)
	28 July	0	0	0	0	1.10 (1)	0	0	0	0	1.18 (1)	0	0
	17 Aug	0	0	0	0	0	0	0	0	0	2.33 (2)	0	1.16 (1)
Longnose sucker	23 June	0	2.10 (2)	0	0	3.12 (3)	3.15 (3)	2.08 (2)	13.65 (13)	2.08 (2)	16.80 (16)	2.08 (2)	3.15 (3)
	28 July	0	0	0	1.18 (1)	0	0	0	1.18 (1)	0	0	1.10 (1)	0
	17 Aug	0	0	0	0	1.18 (1)	1.16 (1)	0	0	1.18 (1)	1.16 (1)	0	0
Burbot	23 June	0	0	0	0	0	0	0	1.05 (1)	0	0	0	0
	28 July	0	0	0	0	0	0	0	0	0	0	0	0
	17 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Cisco	23 June	21.84 (21)	37.80 (36)	0	0	0	0	0	0	0	2.10 (2)	0	0
	28 July	178.20(162)	103.84 (88)	18.70 (17)	2.36 (2)	1.10 (1)	2.36 (2)	1.10 (1)	3.54 (3)	1.10 (1)	0	1.10 (1)	1.18 (1)
	17 Aug	35.40 (30)	51.20 (44)	5.90 (5)	0	0	0	0	0	0	0	0	1.16 (1)
Sauger	23 June	0	0	0	0	0	0	0	0	0	0	0	0
	28 July	0	0	0	0	0	0	0	0	0	0	0	0
	17 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Yellow perch	23 June	0	0	0	0	0	0	0	0	0	0	0	0
	28 July	0	0	0	0	0	0	0	0	0	0	0	0
	17 Aug	0	0	0	0	0	0	0	0	0	0	0	0
Goldeye	23 June	0	0	0	0	0	0	0	0	0	0	0	0
	28 July	0	0	0	0	0	0	0	0	0	0	0	0
	17 Aug	0	0	0	0	0	0	0	0	0	0	0	0

Table 9. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gillnets, station 60, 14 June and 15 June 1982, Southern Indian Lake.

Species \ Mesh	Date	1 1/2 in Shallow	2 in Shallow	2 3/4 in Shallow	3 1/2 in Shallow	4 1/4 in Shallow	5 1/4 in Shallow
Lake whitefish	14 June	1.08 (1)	9.76 (9)	14.10 (13)	4.34 (4)	0	0
	15 June	0	4.28 (6)	9.99 (14)	2.14 (3)	1.43 (2)	0
Walleye	14 June	0	0	2.17 (2)	0	0	0
	15 June	0	0.71 (1)	0.71 (1)	0	0	0
Northern pike	14 June	0	1.08 (1)	1.08 (1)	0	0	0
	15 June	0	2.14 (3)	0.71 (1)	0.71 (1)	0	0
White sucker	14 June	0	0	0	0	0	0
	15 June	0	0	0.71 (1)	0.71 (1)	0	0
Longnose sucker	14 June	0	0	0	0	0	0
	15 June	0	0	0	0	0	0
Burbot	14 June	0	1.08 (1)	2.17 (2)	1.08 (1)	0	0
	15 June	0.71 (1)	0	0	0	0	0
Cisco	14 June	1.08 (1)	1.08 (1)	2.17 (2)	2.17 (2)	0	0
	15 June	1.43 (2)	2.86 (4)	0.71 (1)	2.14 (3)	0	0
Sauger	14 June	0	0	2.17 (2)	0	0	0
	15 June	0.71 (1)	0	0	0	0	0
Yellow perch	14 June	0	0	0	0	0	0
	15 June	0	0	0	0	0	0
Goldeye	14 June	0	0	0	0	0	0
	15 June	0	0	0	0	0	0

Table 10. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gillnets, station 60, 16 June and 18 June 1982, Southern Indian Lake.

Species \ Mesh	Date	1 1/2 in Shallow	2 in Shallow	2 3/4 in Shallow	3 1/2 in Shallow	4 1/4 in Shallow	5 1/4 in Shallow
Lake whitefish	16 June	1.39 (2)	3.48 (5)	7.65 (11)	4.17 (6)	0	0.70 (1)
	18 June	0	0	0	0	0	0
Walleye	16 June	0.70 (1)	0	0	0	0	0
	18 June	0	0	0.75 (1)	0	0	0
Northern pike	16 June	2.09 (3)	2.09 (3)	10.43 (15)	1.39 (2)	0	0.70 (1)
	18 June	2.26 (3)	5.27 (7)	8.28 (11)	3.01 (4)	0	0
White sucker	16 June	0	0.70 (1)	0.70 (1)	1.39 (2)	1.39 (2)	0
	18 June	2.26 (3)	4.52 (6)	6.78 (9)	8.28 (11)	1.51 (2)	0
Longnose sucker	16 June	0	0.70 (1)	0	0	0	0
	18 June	0	0	0.75 (1)	1.51 (2)	0	0
Burbot	16 June	0	0	0	0	0	0.70 (1)
	18 June	0	0	0	0	0	0
Cisco	16 June	0.70 (1)	0	0	0	0	0
	18 June	2.26 (3)	4.52 (6)	7.53 (10)	0	0	0
Sauger	16 June	3.48 (5)	2.09 (3)	4.17 (6)	0	0	0
	18 June	0	0	2.26 (3)	0	0	0
Yellow perch	16 June	0	0	0	0	0	0
	18 June	0	0	0	0	0	0
Goldeye	16 June	0	0	0	0	0	0
	18 June	0	0	0	0	0	0

Table 11. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gillnets, station 61, 4 June, 8 June, 9 June 1982, Southern Indian Lake.

Species \ Mesh	Date	1 1/2 in Shallow	2 in Shallow	2 3/4 in Shallow	3 1/2 in Shallow	4 1/4 in Shallow	5 1/4 in Shallow
Lake whitefish	4 June	0	2.11 (2)	0	0	0	0
	8 June	0	2.49 (3)	0.83 (1)	0	0.83 (1)	0
	9 June	0	0	0	0	0	0
Walleye	4 June	0	1.06 (1)	1.06 (1)	2.11 (2)	0	1.06 (1)
	8 June	0	0.83 (1)	0.83 (1)	2.49 (3)	0	0
	9 June	0	0	0	2.25 (2)	0	0
Northern pike	4 June	1.06 (1)	6.34 (6)	8.46 (8)	2.11 (2)	0	0
	8 June	1.66 (2)	3.32 (4)	10.81 (13)	4.16 (5)	1.66 (2)	0
	9 June	1.12 (1)	0	7.86 (7)	2.25 (2)	0	0
White sucker	4 June	0	2.11 (2)	5.29 (5)	1.06 (1)	2.11 (2)	1.06 (1)
	8 June	0	1.66 (2)	0.83 (1)	19.12 (23)	18.29 (22)	6.65 (8)
	9 June	0	0	1.12 (1)	1.12 (1)	2.25 (2)	1.12 (1)
Longnose sucker	4 June	0	0	0	0	1.06 (1)	4.23 (4)
	8 June	0	1.66 (2)	1.66 (2)	3.32 (4)	3.32 (4)	4.99 (6)
	9 June	0	0	0	0	0	1.13 (1)
Burbot	4 June	0	0	0	0	0	0
	8 June	0	0.83 (1)	0	0	0	0
	9 June	0	0	0	0	0	0
Cisco	4 June	1.06 (1)	1.06 (1)	1.06 (1)	0	0	0
	8 June	1.66 (2)	0.83 (1)	8.31 (10)	0	0	0
	9 June	2.25 (2)	7.86 (7)	16.84 (15)	1.12 (1)	0	0
Sauger	4 June	0	0	0	0	0	0
	8 June	0	0	0	0	0	0
	9 June	0	1.12 (1)	1.12 (1)	0	0	0
Yellow perch	4 June	1.06 (1)	0	0	0	0	0
	8 June	0	0	0	0	0	0
	9 June	0	0	0	0	0	0
Goldeye	4 June	0	0	0	0	0	0
	8 June	0	0	0	0	0	0
	9 June	0	0	0	0	0	0

Table 12. Catch per unit of effort and number (in brackets) in individual fish species caught in six mesh size panels of experimental gillnets, station 61, 10 June and 11 June 1982, Southern Indian Lake.

Species \ Mesh	Date	1 1/2 in Shallow	2 in Shallow	2 3/4 in Shallow	3 1/2 in Shallow	4 1/4 in Shallow	5 1/4 in Shallow
Lake whitefish	10 June	0.88 (1)	0.88 (1)	0.88 (1)	0.88 (1)	2.63 (3)	0
	11 June	0	1.96 (3)	1.96 (3)	3.27 (5)	1.31 (2)	0
Walleye	10 June	0	1.75 (2)	3.51 (4)	1.75 (2)	0	0
	11 June	1.31 (2)	1.96 (3)	0.65 (1)	1.31 (2)	0	0
Northern pike	10 June	0	1.75 (2)	3.51 (4)	1.75 (2)	0.88 (1)	0
	11 June	1.31 (2)	1.96 (3)	1.96 (3)	1.31 (2)	0	0
White sucker	10 June	0	3.51 (4)	5.26 (6)	13.15 (15)	9.64 (11)	0
	11 June	0	5.88 (9)	3.27 (5)	16.98 (26)	13.71 (21)	3.27 (5)
Longnose sucker	10 June	0	0	0	1.75 (2)	3.51 (4)	6.14 (7)
	11 June	0	0	0	1.31 (2)	4.57 (7)	2.61 (4)
Burbot	10 June	0	0	0.88 (1)	0	0.88 (1)	0
	11 June	0	0	0	1.31 (2)	0	0
Cisco	10 June	0	0	3.51 (4)	1.75 (2)	1.75 (2)	0
	11 June	1.31 (2)	3.92 (6)	1.31 (2)	0.65 (1)	0	0
Sauger	10 June	0	0	0	0.88 (1)	0	0
	11 June	0	0	0	0	0	0
Yellow perch	10 June	0	0	0	0	0	0
	11 June	0	0	0	0	0	0
Goldeye	10 June	0	0	0	0	0	0
	11 June	0	0	0	0	0	0

Table 13. Catch per unit of effort and number (in brackets) of individual fish species caught in six mesh size panels of experimental gillnets, station 62, 17 June 1982, Southern Indian Lake.

Species	Date	$1\frac{1}{2}$ in Shallow	2 in Shallow	$2\frac{3}{4}$ in Shallow	$3\frac{1}{2}$ in Shallow	$4\frac{1}{4}$ in Shallow	$5\frac{1}{4}$ in Shallow
Lake whitefish	17 June	2.12 (3)	0.71 (1)	0	0	0	0
Walleye	17 June	0.71 (1)	1.41 (2)	3.53 (5)	2.82 (4)	0.71 (1)	0.71 (1)
Northern pike	17 June	3.53 (5)	10.59 (15)	8.47 (12)	4.24 (6)	0	0
White sucker	17 June	0.71 (1)	0	0.71 (1)	1.41 (2)	0	0.71 (1)
Longnose sucker	17 June	0	0	0	0	0	0
Burbot	17 June	0	0	0	0	0	0
Cisco	17 June	4.24 (6)	6.35 (9)	3.53 (5)	0	0	0
Sauger	17 June	0	0	0.71 (1)	0	0	0
Yellow perch	17 June	2.83 (4)	0	0.71 (1)	0	0	0
Goldeye	17 June	0	0.71 (1)	0	0.71 (1)	0	0

Table 14. Cyst counts in lake whitefish captured in experimental gillnets at Station 40, 26 July 1978.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
40S	15	163	46	L	1
		186	64	L	0
	20	188	72	L	0
		217	120	L	0
		239	160	L	2
		291	350	L	1
		430	1300	L	0
	28	274	250	L	2
		304	420	L	0
		300	370	L	0
		279	290	L	0
		337	550	L	0
		372	670	L	1
	35	399	890	L	1
		452	1420	L	0
		344	570	L	1
	42	383	780	L	1
		383	770	L	0
		374	750	L	1
		382	890	L	0
		370	700	L	0
		400	1000	L	0
		402	1010	L	0
		385	750	L	4
	52	452	1265	L	0
		420	1250	L	0
40D	20	270	240	L	0
		240	165	L	0
		309	418	L	0
		355	602	L	0
	28	253	210	L	1
		267	224	L	1
		263	256	L	0
		256	246	L	3
		255	194	L	0
		312	390	L	0
		266	242	L	1
		301	304	L	0
		256	218	L	0
		282	288	L	1
		288	292	L	0
		290	352	L	0
		296	370	L	0
		294	390	L	0
		328	460	L	1
		375	710	L	1
		385	840	L	0
		303	350	L	0
	35	298	330	L	0
		301	350	L	1
		280	310	L	0
		299	360	L	0
		300	340	L	0
		328	490	L	0
		359	660	L	1
		362	660	L	1
		323	460	L	0
		313	440	L	0
		357	650	L	0
		374	790	L	0
		358	700	L	0
		357	800	L	1

Table 14. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
		382	900	L	0
		360	750	L	1
		361	820	L	0
		351	590	L	0
		320	350	L	0
		303	400	L	0
		361	560	L	1
		296	360	L	0
		416	940	L	0
		381	775	L	0
		296	360	L	0
		369	690	L	0
		364	730	L	2
		373	790	L	0
		322	460	L	0
		395	925	L	1
		292	350	L	0
		340	510	L	0
		388	910	L	0
		374	710	L	0
		390	800	L	0
		370	700	L	0
		430	1110	L	0
		272	260	L	1
		365	610	L	0
		367	650	L	2
		380	720	L	0
		402	860	L	0
		395	810	L	0
		359	606	L	0
		385	800	L	0
		325	350	L	2
		360	660	L	0
		379	510	L	0
		382	800	L	1
		350	700	L	1
		388	860	L	0
		280	300	L	1
		375	760	L	0
		295	325	L	0
		390	850	L	0
		380	790	L	0
		340	550	L	0
		370	640	L	0
		400	940	L	0
	42	370	710	L	0
		362	660	L	1
		382	750	L	1
		340	500	L	0
		360	610	L	0
		350	590	L	1
		375	700	L	0
		360	590	L	0
		390	810	L	0
		340	560	L	0
		380	840	L	0
		370	700	L	0
		345	600	L	1
		370	760	L	0
		360	690	L	1
		370	790	L	3
		415	960	L	0
		360	650	L	1
		430	1250	L	0

Table 14. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
		370	810	L	1
		365	650	L	4
		335	600	L	0
		328	550	L	0
		370	510	L	0
		360	690	L	1
		350	690	L	0
		340	620	L	0
		353	700	L	0
		387	900	L	0
		446	1050	L	0
		356	650	L	0
		379	800	L	0
		420	1420	L	0
		378	890	L	0
		367	640	L	0
		385	850	L	0
		390	900	L	0
		392	890	L	0
		440	1150	L	0
		365	900	L	0
		361	740	L	1
		372	790	L	0
		394	960	L	0
		360	800	L	0
		359	750	L	2
		416	1050	L	0
		470	1575	L	0
		435	1180	L	1

Table 15. Cyst counts in lake whitefish captured in experimental gillnets at Station 43, 27 July 1978.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
43S	15	168	55	L	1
		146	45	L	0
		158	40	L	0
		177	50	L	1
		192	90	L	0
		191	80	L	0
		163	45	L	1
		175	60	L	3
		156	45	L	0
		165	50	L	0
		140	45	L	0
		145	40	L	1
		153	40	L	1
		142	40	L	1
		148	45	L	2
		153	50	L	0
		182	75	L	2
		199	105	L	0
	20	359	800	L	0
		211	130	L	0
		226	130	L	0
		212	135	L	2
		201	100	L	1
		203	110	L	1
		266	235	L	0
		382	925	L	0
	28	258	225	L	0
		277	290	L	1
		275	240	L	3
		339	560	L	3
		355	550	L	4
		312	400	L	3
		308	480	L	0
		349	525	L	1
		394	940	L	0
	35	363	650	L	0
		334	475	L	0
		369	560	L	3
		390	800	L	0
		396	900	L	2
		321	500	L	3
		390	920	L	0
		305	400	L	0
		430	1300	L	0
		445	1200	L	0
		402	775	L	1
		397	800	L	1
		323	450	L	1
		370	750	L	0
	42	367	650	L	1
		349	625	L	1
		331	500	L	0
		390	840	L	0
		405	800	L	0
		371	700	L	1
		387	825	L	0
		386	925	L	0
		418	950	L	0
		398	875	L	0
	52	413	950	L	1
43D	15	146	20	L	1
		402	850	L	1
		274	280	L	1

Table 15. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
		142	40	L	0
		178	80	L	0
		167	50	L	0
		146	45	L	0
		151	40	L	0
		153	40	L	1
		153	45	L	0
		153	45	L	1
	20	356	590	L	1
		345	555	L	2
		378	725	L	0
		227	150	L	0
		249	190	L	1
		208	90	L	2
		219	125	L	1
		215	130	L	1
		224	135	L	0
		201	145	L	0
	28	361	650	L	2
		312	390	L	0
		318	435	L	1
	35	414	800	L	0
		378	665	L	0
		340	485	L	2
		282	320	L	1
		417	645	L	0
		356	540	L	2
		369	710	L	0
		398	775	L	3
		363	650	L	2

Table 16. Cyst counts in lake whitefish captured in experimental gillnets at Station 51, 29 July 1978.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
51S	15	159	40	L	0
		134	30	L	0
		345	645	L	1
		271	280	L	0
		268	230	L	1
		221	130	L	2
		205	110	L	0
		149	40	L	0
		163	50	L	0
		171	55	L	0
		188	65	L	1
		220	125	L	2
	20	380	860	L	0
		240	200	L	3
		242	190	L	1
		201	110	L	3
		218	140	L	0
		266	200	L	1
		260	215	L	0
		292	300	L	1
		234	145	L	0
		203	85	L	2
		189	80	L	0
		196	90	L	0
		242	150	L	1
		225	140	L	0
		245	195	L	2
		224	140	L	0
		218	110	L	1
		218	120	L	6
		241	160	L	0
	28	303	390	L	0
		332	530	L	2
		368	710	L	0
		302	395	L	0
		268	240	L	0
		284	355	L	0
		268	265	L	0
		250	200	L	5
		271	260	L	1
		341	535	L	1
		313	540	L/D	0
		291	320	L	0
		291	365	L	0
		290	350	L	0
		331	500	L	1
	35	321	505	L	1
		380	800	L	2
		315	380	L	4
	42	390	940	D	3
		369	750	L	1
		375	800	L	0
		402	1050	L	0
	52	371	750	L	0
		439	1200	D	0
		400	1025	D	2
		441	1275	D	1
51D	15	145	40	L	2
	20	400	875	L	1
		354	660	L	1
		298	310	L	0
		372	780	L	2

Table 16. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
		380	750	L	2
		402	1100	L	2
		218	120	L	1
		240	175	L	0
		210	120	L	0
		195	90	L	2
		190	85	L	0
		187	80	L	1
		220	115	L	1
		200	85	L	1
		210	110	L	2
	28	340	515	L	1
		284	300	L	1
		231	150	L	0
		262	210	L	0
		240	180	L	0
		330	450	L	0
		260	160	L	1
		250	200	L	0
		242	160	L	2
		325	460	L	0
		264	200	L	5
		226	135	L	0
		255	210	L	0
		232	150	L	0
	35	431	950	D	2
		404	980	L	0
		380	725	L	1
		393	800	L	0
		405	875	L	3
	42	366	640	L	0
	52	425	1075	D	3
		423	1100	D	1
		412	975	L/D	0
		425	1100	L	0
		406	1050	L	0
		390	875	L	0

Table 17. Cyst counts in lake whitefish captured in experimental gillnets at Station 40, 9 July 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
40S	15	383	690	L	1
		371	620	L	2
		273	270	L	0
		282	300	L	1
		204	80	L	2
		188	65	L	0
		146	40	-	2
		188	65	L	0
		182	60	L	2
		208	115	L	1
		169	60	L	0
		176	45	L	1
		175	50	L	3
		165	55	L	1
		152	40	L	4
		157	35	L	4
		161	40	L	3
	20	411	995	L	3
		401	725	L	2
		372	740	L	0
		395	695	L	3
		301	375	L	1
		276	285	L	1
		262	220	L	2
		220	135	L	1
		255	180	L	0
		221	120	L	4
		212	105	L	1
	28	448	1135	L	0
	35	406	875	L	0
		399	880	L	8
		413	890	L	3
		381	860	L	0
		417	785	L	0
		365	610	L	3
		412	1035	L	2
		347	490	L	4
	42	404	975	L	0
		385	820	L	1
		416	925	L	1
		400	640	L	1
		458	1380	L	1
		407	780	L	1
		418	1015	L	1
		400	860	L/D	5
		386	775	L	0
		375	675	L	0
		348	625	L	0
		415	840	L	0
		400	850	L	1
		405	900	L	0
		375	695	L	1
		407	1045	L	0
40D	15	170	45	L	0
		151	40	L	3
	20	234	135	L	0
		229	135	L	3
		220	120	L	0
	28	371	645	L	1
		312	420	L	1
		298	290	L	0
		221	150	L	0
		222	155	L	0

Table 17. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
	35	345	580	L	1
		357	630	L	0
		365	675	L	1
		349	575	L	0
		353	570	L	0
		371	585	L	0
		331	500	L	0
		342	545	L	2
		351	490	L	0
		275	275	L	0
	42	387	795	L	0
		387	795	L	2
		367	745	L	0
		419	835	L	2

Table 18. Cyst counts in lake whitefish captured in experimental gillnets at Station 40, 11 August 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
40S	15	173	50	L	0
		175	75	L	3
		178	75	L	1
		160	50	L	2
		170	50	L	0
	28	277	275	L	0
		321	400	L	0
	35	364	650	L	0
40D	35	392	825	L	0
	42	424	1025	L	1

Table 19. Cyst counts in lake whitefish captured in experimental gillnets at Station 40, 25 August 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
40S	15	146	40	L	7
		170	60	L	0
		435	125	L	1
		205	125	L	1
		175	60	L	0
		165	50	L	0
		175	60	L	0
		170	75	L	0
		182	80	L	0
		190	100	L	0
	20	396	725	L	1
		372	700	L	0
		396	825	L	4
		285	275	L	1
		265	225	L	4
		237	150	L	1
	28	382	500	L	3
		250	200	L	1
		260	200	L	0
		208	100	L	0
		238	175	L	0
	35	355	550	L	4
		410	850	L	0
		390	800	L	3
	52	382	700	L	1
		455	1450	L	0
40D	28	375	675	L	0
		328	400	L	1
		310	325	L	0
	35	390	750	L	0
	42	375	775	L	1
		428	1150	L	0

Table 20. Cyst counts in lake whitefish captured in experimental gillnets at Station 41, 29-30 June 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
41S	15	156	60	L	0
	20	381	700	L	0
		355	600	L/D	0
	28	285	300	L	0
		335	390	L	2
	35	340	500	L	0
		377	640	L	0
		371	675	L	1
		376	810	L	0
		335	615	L	3
		374	700	L	3
		391	800	L	7
		334	450	L	1
		334	425	L	2
	42	395	750	L	0
		410	950	L/D	0
		395	950	L	0
		396	800	L	0
		393	825	L	0
		412	950	L	0
		380	650	L	4
		375	760	L	0
		370	700	L	0
		395	825	L	0
		395	750	L	0
		365	625	L	0
		395	800	L	2
	52	450	1100	L	0
41D	15	185	50	L	2
		158	25	L	0
		337	450	L	1
	20	223	110	L	0
	28	372	650	L	0
		386	850	L	2
		320	400	L	1
		340	475	L	3
		300	340	L	0
		266	250	L	2
		340	525	L	0
		232	175	L	0
		283	300	L	0
		258	200	L	0
		248	150	L	0
		225	150	L	0
		244	150	L	0
		233	150	L	0
		272	210	L	0
		235	150	L	3
		259	210	L	1
	35	375	750	L/D	0
		319	400	L	0
		390	750	L	1
		378	700	L	3
		355	650	L	0
		333	500	L	0
		380	650	L	1
		420	1000	L/D	1
		357	600	L	1
		295	350	L	3
		378	750	L	1
		379	700	L	1
		340	500	L/D	0
		345	550	L/D	1

Table 20. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
		370	700	L/D	4
	42	365	700	L	2
		365	650	L	0
		385	850	L	0
		381	750	L/D	0
		375	750	L	0
		390	950	L	0
		385	800	L	0
		353	600	L	2
		350	525	L/D	1
		395	900	L	3
	52	387	925	L	0

Table 21. Cyst counts in lake whitefish captured in experimental gillnets at Station 41, 14 August 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
41S	15	161	50	L	1
		160	50	L	2
	20	208	100	L	2
		197	100	L	3
		224	125	L	0
		202	100	L	0
		461	1350	L	1
	35	412	950	L	1
	42	420	875	L	1
		420	900	L	0
		380	675	L	1
		363	600	L	1
41D	15	145	25	L	0
	28	249	175	L	0
	42	412	1150	L	0
		403	825	L	0

Table 22. Cyst counts in lake whitefish captured in experimental gillnets at Station 42, 1-2 July 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
42S	15	318	400	L	0
		147	50	L/D	15
	20	244	150	L	0
		228	125	L	0
		224	100	L	4
		187	75	L	1
	28	297	325	L	3
		268	225	L	0
	35	374	675	L	0
		371	650	L/D	0
		379	650	L	0
		307	375	L	0
		344	500	L	0
		340	475	L	1
		311	375	L	0
		261	200	L	3
	42	404	775	L	10
		449	1700	L/D	1
		384	775	L	0
		410	875	L	8
		390	775	L	0
		378	800	L/D	0
		354	525	L	0
		348	625	L	1
	52	385	850	L	0
		392	925	L/D	0
42D	15	388	900	L	1
	28	245	525	L	2
		380	725	L	0
		286	325	L	0
		290	325	L	0
		290	300	L	0
		265	200	L	0
		246	175	L	1
		235	125	L	0
		242	150	L	0
		321	400	L/D	0
	35	381	775	L	9
		353	625	L	1
		331	500	L	1
		345	575	L	0
		293	350	L	1
		317	400	L	0
		341	500	L/D	1
		296	300	L	1
	42	383	725	L	0
		379	775	L	0
		419	1000	L/D	4
		392	825	L	0
		388	725	L	0

Table 23. Cyst counts in lake whitefish captured in experimental gillnets at Station 42, 15 August 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
42S	15	140	25	L	5
	20	409	875	L	2
	28	328	450	L	0
	35	387	950	L/D	0
	42	376	700	L	0
		370	675	L	2
	52	386	850	L	0
		392	850	L	0
		408	950	L	1
42D	15	388	775	L	3
		224	175	L	0
		154	50	L	1
		149	50	L	2
		219	150	L	1
		191	75	L	1
		185	100	L	0
		199	100	L	1
		162	25	L	0
		170	25	L	1
	28	410	900	L	0
		314	375	L	3
	42	374	800	L	0
		394	825	L	5
	52	416	875	L	1

Table 24. Cyst counts in lake whitefish captured in experimental gillnets at Station 43, 8 July 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
43S	15	375	655	L	0
		405	910	L	0
		403	915	L	0
		394	895	L	1
		253	150	L	0
		292	330	L	1
		339	500	L	0
		220	150	L	0
		248	145	L	1
		192	95	L	0
		195	75	L	0
		172	60	L	0
		171	60	L	0
		189	80	L	1
		162	75	L	1
		222	125	L	1
		167	55	L	0
		195	70	L	0
		154	85	L	0
		157	45	L	0
		173	55	L	2
		157	40	L	1
		163	45	L	0
		175	55	L	1
		156	40	L	0
		158	45	L	0
	20	389	915	L	0
		397	670	L	1
		376	670	L	0
		305	345	L	4
		312	370	L	2
		304	425	L	0
		268	255	L	0
		250	185	L	4
		232	150	L	0
		213	130	L	2
		224	140	L	0
		214	105	L	0
		213	105	L	0
		209	110	L	0
		200	115	L	1
		222	110	L	0
		199	95	L	1
		206	95	L	1
		185	75	L	4
	28	418	975	L	0
		345	580	L	0
		362	615	L	0
		321	435	L	0
		284	300	L	1
		275	250	L	2
		253	185	L	0
		249	225	L	1
	35	367	600	L	0
		364	660	L	0
		302	355	L	2
		382	660	L	0
		333	525	L	3
		360	615	L	0
		325	390	L	0
		366	615	L	0
		414	915	L	1
		318	395	L	2
		311	395	L	4

Table 24. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
		321	390	L	0
		312	425	L	1
		315	410	L	0
	42	406	950	L	0
		398	860	L/D	1
		362	615	L	1
		399	725	L	0
		342	540	L	0
43D	15	168	55	L	0
	20	385	790	L	0
		400	855	L	0
		365	760	L	2
		265	225	L	1
		232	140	L	3
		232	140	L	0
	28	380	760	L	0
		383	840	L	0
		345	510	L	1
		332	535	L	0
		311	375	L	1
		299	350	L	2
		287	255	L	1
		278	290	L	1
		270	210	L	0
		235	165	L	0
		250	175	L	0
	35	400	925	L	0
		412	830	L	0
		450	1145	L	0
		367	685	L	0
		392	815	L	0
		315	450	L	4
		370	615	L	0
		354	590	L	0
		337	495	L	0
		362	575	L	0
		370	600	L	1
		375	610	L	0
		367	605	L	2
		424	925	L	0
		345	525	L	0
		306	375	L	0
		287	325	L	0
		328	520	L	0
	42	439	1240	L	1
		413	1090	L	1
		384	825	L	0
		395	835	L	0
		358	710	L	1
		373	700	L	2
		402	795	L	0
		374	815	L	0
		382	710	L	0
		347	570	L	0
		353	600	L	4
	52	406	875	L	0
		378	720	L	1

Table 25. Cyst counts in lake whitefish captured in experimental gillnets at Station 43, 12 August 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
43S	15	310	375	L	1
		369	600	L	0
		173	100	L	0
		175	50	L	0
		169	50	L	0
		170	50	L	4
		191	75	L	3
		176	75	L	0
		154	50	L	0
		167	50	L	1
	20	377	775	L	0
		393	875	L	1
		193	100	L	1
		175	75	L	0
	28	385	775	L	0
		367	600	L	0
		278	300	L	0
		475	1200	L	0
		316	350	L	2
		391	825	L	0
	35	319	350	L	2
		405	900	L	0
		326	425	L	0
		376	700	L	0
		414	950	L	0
		370	750	L	0
		391	925	L	0
		420	1000	L	0
		423	1075	L	0
		434	1050	L	0
	42	398	925	L	0
		482	1500	L	0
		383	850	L	0
		342	600	L	0
		408	900	L	0
		397	925	L	0
		356	650	L	2
		350	650	L	0
		405	825	L	0
		408	925	L	1
	52	428	1050	L	0
43D	15	174	100	L	0
		182	125	L	2

Table 26. Cyst counts in lake whitefish captured in experimental gillnets at Station 43, 24 August 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
43S	15	164	50	L	1
		170	50	L	0
		182	60	L	0
		189	75	L	0
		160	50	L	0
		170	50	L	0
		165	50	L	3
		191	75	L	0
		154	40	L	2
		161	50	L	1
	20	390	825	L	0
		226	125	L	1
		240	190	L	1
		212	100	L	0
		250	160	L	0
		224	150	L	1
		210	125	L	0
		195	100	L	0
		250	190	L	0
		186	75	L	0
	28	465	1380	L	0
		370	725	L	0
		335	450	L	5
	35	395	750	L	0
		398	700	L	0
		402	800	L	0
		400	1025	L	0
		379	700	L	1
		405	975	L	0
		405	900	L	0
		400	850	L	0
		428	1050	L	1
		364	675	L	0
	42	430	950	L	0
		408	1100	L	0
		435	1000	L/D	3
		405	1050	L	1
		388	875	L	2
		365	675	L	0
		384	700	L	1
		442	1125	L	0
		390	760	L	0
		396	900	L	0
	52	468	1525	L	0
		412	950	L	0
		461	1300	L/D	1
		425	1000	L	2

Table 27. Cyst counts in lake whitefish captured in experimental gillnets at Station 50, 6 July 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
50S	15	181	60	L	0
		272	275	L	3
		173	60	L	7
	20	368	720	L/D	0
		242	175	L	0
		260	210	L	2
		256	220	L	3
		224	135	L	1
		232	155	L	2
		258	190	L	4
		218	110	L	0
		224	115	L/D	2
		199	100	L	1
		207	100	L	4
		211	100	L	2
		216	125	L	0
		190	90	L	0
		215	125	L	0
	28	427	1100	L/D	3
		384	890	L/D	2
		334	525	L/D	2
		305	350	L/D	0
		304	350	L	1
		296	340	L	0
		251	210	L	1
		413	900	L	3
		268	220	L	2
		261	220	L	5
		250	195	L/D	1
	35	411	925	L/D	0
		422	1090	L/D	0
		327	510	L/D	1
		420	1025	L/D	1
		348	575	D	1
		349	525	D	1
		312	390	D	1
	42	428	1150	L/D	1
		394	870	D	0
		417	1140	L/D	1
		407	1090	L	2
		368	645	D	0
		367	700	D	3
	52	495	1750	L/D	2
		391	865	L	0
50D	15	380	810	L	0
		360	720	D	0
	20	425	1080	D	1
		402	910	L/D	2
	28	350	575	L	3
		330	460	L	1
		241	190	L	6
	35	371	690	L/D	4
		289	330	L	0
	42	410	1075	L/D	0
		476	1480	L	0
		407	950	D	0
		428	975	D	0
	52	528	2220	L/D	0
		404	980	L	1
		375	695	L/D	2

Table 28. Cyst counts in lake whitefish captured in experimental gillnets at Station 50, 3 August 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
50S	20	375	650	L	1
		346	500	L	0
	28	325	425	L	0
		373	600	L	1
		357	600	L	4
		296	350	L	3
		329	500	L	1
	35	335	450	L	2
		295	300	L	3
		320	400	L	2
		351	550	L	0
		398	875	L	2
		333	450	L	0
		422	825	L	3
	42	414	850	-	0
50D	15	390	775	L	2
		188	100	L	0
	28	361	650	L	0
		327	475	L/D	3
		280	300	L	2
	35	466	1500	L	1
		410	1075	L	0
		383	775	L	0
		437	1100	L	2
		395	950	L	1
	42	402	850	L/D	1
		431	1225	L	0
		417	1000	L	2
		428	1125	L	0
		394	900	L	0
		420	1025	L	3

Table 29. Cyst counts in lake whitefish captured in experimental gillnets at Station 50, 21 August 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
50S	15	410	925	L/D	1
	20	370	700	L/D	2
		405	850	L/D	4
		350	650	L	0
	28	365	625	L	0
		310	400	L	0
		332	475	L/D	1
		350	625	L	3
		380	675	L	1
		330	500	L	0
		363	650	L	1
		231	150	L	0
		311	400	L	0
	35	389	800	L/D	2
		340	525	L	0
	42	425	1100	L/D	1
	52	382	725	-	0
50D	20	515	1850	L	3
	35	316	500	L/D	0
		410	1000	L/D	3
		439	1150	L/D	0
		410	900	L/D	2
		380	875	L/D	0
		430	1050	L/D	0
		395	1000	L/D	0
		425	1025	L/D	0
	42	419	1000	L/D	0
		405	975	L/D	0
		440	1350	L/D	0
		435	1225	L/D	3
		466	1350	L	0
		424	1100	L/D	1
		406	925	L/D	1

Table 30. Cyst counts in lake whitefish captured in experimental gillnets at Station 51, 3-4 July 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
51S	15	159	50	L/D	3
		163	55	L	0
		160	50	L	1
		175	75	L	6
		155	50	L	0
		164	50	L	2
	20	229	150	L	2
		195	75	L	0
	35	320	425	L	0
		380	775	L/D	0
	42	354	725	L	0
51D	15	227	150	L	0
		181	50	L	0
		162	50	L	0
		161	50	L	1
		154	50	L	0
	20	262	250	L	2
		237	150	L	4
		237	175	L	1
		297	350	L	2
		213	125	L	0
		210	100	L	0
		208	100	L	0
	28	254	225	L	2
		273	275	L	1
		247	200	L	3
		224	175	L	0
		273	250	L	0
		238	175	L	1
		261	225	L	1
		282	325	L	0
		229	150	L	0
		310	400	L/D	0
		272	250	L/D	0
		296	350	L/D	0
		276	250	L/D	0
	35	368	675	L	0
		349	625	L	1
		278	250	L	0
		357	650	L	1
		411	875	L	1
		306	700	L	0
		385	775	L	0
		307	350	L	0
		298	300	L	0
		363	700	L	2
		355	575	L	0
	42	415	950	L	0
		368	725	L	2
		362	675	L	0
		348	575	L	2
		348	575	L	1

Table 31. Cyst counts in lake whitefish captured in experimental gillnets at Station 51, 5 August 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
51S	15	180	50	L	0
		180	50	L	0
		180	50	L	0
		160	50	L	0
		177	50	L	0
		179	50	L	0
		170	50	L	1
		156	50	L	0
	20	211	125	L	1
		206	100	L	1
		196	100	L	1
		194	75	L	0
	28	272	250	L	1
		220	150	L	0
51D	15	383	725	L	3
	20	223	150	L	0
		200	100	L	0
	28	422	1025	L	1
		340	450	L	0
		410	825	L	0
		335	550	L	0
		278	275	L	0
		295	300	L	3
		294	300	L	0
		236	175	L	0
		265	225	L	1
		250	200	L	0
	35	304	350	L	3
		373	700	L	1
		400	825	L	3
		380	700	L	1
		365	650	L	0
	42	404	1000	L	0
		429	975	L/D	11
		354	575	L	3
		405	875	L	0
		355	600	L	0
		415	950	L/D	0

Table 32. Cyst counts in lake whitefish captured in experimental gillnets at Station 52, 7 July 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
52S	15	407	945	L	0
		192	75	L	4
	20	371	720	L/D	0
		268	260	L	0
		222	130	L	1
		224	135	L	1
		206	115	L	3
	28	490	1500	L/D	3
		375	825	L/D	2
		276	275	L	0
		243	170	L	0
	35	384	815	L	0
		307	360	L/D	1
		382	845	L/D	0
		304	380	L/D	2
		304	345	L	0
	42	436	1170	L	1
		418	1065	D	0
		441	1260	L/D	1
		384	825	L	1
		395	895	L	0
		413	1020	L/D	0
		411	885	L	0
	52	423	1095	L/D	1
		462	1395	D	0
52D	15	165	40	L	1
	28	395	935	L/D	3
	35	424	1220	L/D	0
		380	725	L/D	1
		356	700	L	0
		375	770	L	1
		407	975	L	0
		348	750	L	1
		298	375	L/D	1
	52	434	1195	D	0
		441	1250	D	0
		425	1300	L/D	0
		399	1000	L/D	1
		412	960	L/D	0
		416	1145	D	2

Table 33. Cyst counts in lake whitefish captured in experimental gillnets at Station 52, 10 August 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
52S	15	206	100	L	1
		160	75	L	2
	20	240	175	L	0
	28	300	375	L	5
		335	525	L	14
52D	20	402	1000	L	1
	28	321	450	L	1
	35	415	1050	L	0
	52	366	675	L	2
		407	1125	L/D	0
		375	825	L	4
		418	1050	L/D	0
		384	750	L/D	1
		438	1250	L	0
		416	1000	L	0
		353	600	L	1
		425	1225	L	1
		413	975	L/D	1
	52	431	1025	L/D	1
		404	950	L/D	0

Table 34. Cyst counts in lake whitefish captured in experimental gillnets at Station 52, 22 August 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
52S	15	410	1000	L/D	3
		182	75	L	0
	20	396	840	L/D	4
		239	150	L/D	0
		214	125	L/D	2
		210	100	L/D	0
		222	150	L/D	0
		210	125	L/D	1
		225	150	L/D	1
	28	240	175	L	0
		282	275	L	0
		269	250	L	4
		228	150	L	1
		270	250	L	1
		290	325	L	0
		235	150	L	2
		242	160	L	0
		240	175	L	0
	35	405	900	L	0
		395	900	L	1
		394	925	L	10
		325	400	L	0
		385	800	L	2
		400	875	L	0
		345	500	L	9
	42	375	675	L/D	4
		400	875	L/D	4
		397	900	L/D	0
		395	800	L/D	2
		415	900	L/D	1
		370	600	L	0
	52	435	1225	L/D	8
		422	950	-	3
52D	15	412	1000	D	3
	20	410	1000	L/D	0
		382	850	L/D	4
		391	850	L/D	0
		400	1100	L/D	4
		395	825	L/D	1
	28	395	775	L	0
		353	600	L	0
		375	750	L/D	3
	35	387	850	L/D	0
		385	700	L/D	4
		430	1150	L/D	1
		375	725	L/D	1
		408	875	L/D	2
		480	1650	L/D	0
		430	1200	L/D	3
		348	525	L/D	0
		375	750	L/D	1
		365	700	L	0
	42	395	850	L/D	1
		435	1150	L/D	0
		453	1350	L/D	0
		385	725	L/D	1
		410	1225	L/D	0
		396	1000	L/D	0

Table 35. Cyst counts in lake whitefish captured in experimental gillnets at Station 53, 5 July 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
53S	20	213	100	L	0
	28	305	350	L/D	7
	42	424	1010	D	1
		360	650	L/D	4
		350	550	L/D	1
	52	431	1200	D	3
		405	940	D	0
53D	15	420	1240	L/D	0
		174	60	L	9
		150	40	L	10
	20	490	1375	L	1
		423	1100	L/D	0
	28	455	1410	L/D	0
		309	390	L	0
	35	420	1060	L/D	4
		310	430	L/D	1
	42	431	1150	D	0
		415	1050	D	1
	52	425	975	D	0

Table 36. Cyst counts in lake whitefish captured in experimental gillnets at Station 53, 4 August 1979.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
53S	20	260	225	L	0
		256	250	L	1
	52	422	1000	L/D	0
53D	15	195	100	L	0
		245	200	L	0
	28	270	300	L	2
		360	575	L	4
		293	400	L	3
	42	435	1325	L/D	0
		398	900	L/D	2

Table 37. Cyst counts in lake whitefish captured in experimental gillnets at Station 40, 29 June 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
40S	15	219	75	L	5
		158	50	L	3
		155	50	L	0
	20	263	225	L	4
		294	300	L	2
		242	125	L	7
		276	250	L	1
		276	250	L	1
		244	175	L	6
		271	225	L	3
		255	200	L/D	2
		220	125	L	2
		259	200	L	0
		259	200	L	2
	28	260	200	L	0
		244	150	L	1
		267	200	L/D	0
		300	325	L	0
		252	175	L	0
		283	250	L	0
	35	394	800	L	7
	52	419	900	L	2
		430	1125	L	8
40D	15	187	50	L/D	0
	20	282	225	L	0
	28	337	500	L	0
		298	300	L	0
		384	750	L	3
		314	375	L	3
		313	400	L	4
		274	225	L	2
		280	250	L	0
		285	300	L	1
		270	250	L	0
		253	175	L	1
		263	200	-	0
	35	335	475	L	0
		346	550	L	1
		361	600	L	1
		387	775	L	0
		350	525	L	0
		350	500	L	1
		289	300	L	3
	42	427	1100	L/D	0

Table 38. Cyst counts in lake whitefish captured in experimental gillnets at Station 40, 2 August 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
40S	15	167	50	L	0
		148	50	L	0
		198	100	L	4
		159	50	L	1
		178	75	L	4
	20	265	225	L	8
		277	275	L	2
		242	175	L	2
		250	175	L	3
		213	125	L	2
		219	125	L	3
	28	331	425	L/D	3
		235	150	L	2
		398	1025	L	0
		359	625	L	3
		225	150	L	0
	35	404	900	L	0
		442	1200	L	0
		344	550	L	0
		346	650	L	0
		315	400	L/D	2
		315	400	L	0
	42	420	1100	L	0
		364	700	L	0
40D	15	250	200	L	3
		192	100	L	0
		169	50	L/D	0
		194	100	L	0
		156	50	L	2
	20	348	550	L	2
		286	300	L	2
		205	100	L	0
		189	100	L	1
	28	362	575	L	0
		316	375	L	0
	35	322	400	L	11
	52	452	1350	L/D	0

Table 39. Cyst counts in lake whitefish captured in experimental gillnets at Station 40, 21 August 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
40S	15	177	50	L	1
		199	100	L	0
		222	125	L	1
	20	248	175	L	1
		264	200	L	0
		435	1025	L	2
		277	250	L	0
		260	200	L	0
	35	430	1050	L/D	1
	42	400	850	L	3
		323	475	L	1
	52	490	1750	L	0
40D	15	176	75	L	0
	35	405	1050	L	0
		408	950	L	1

Table 40. Cyst counts in lake whitefish captured in experimental gillnets at Station 41, 1 July 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
41S	15	186	75	L	0
		158	75	L	1
		198	100	L	0
		196	75	L	3
		206	100	L	0
		162	50	L	1
	20	300	325	L	3
		244	150	L	3
		251	200	L	0
		220	150	L	0
	28	284	275	L/D	1
	42	400	900	L	3
41D	20	405	925	L	3
		247	175	L	0
		301	375	L	0
		262	225	L	0
		316	425	L	2
		226	225	L	3
	28	314	400	L	0
		256	225	L	0
		254	200	L	0
		247	200	L	0
		337	550	L	0
		248	175	L	0
		426	1100	L	0
	35	342	550	L	2
	42	412	1000	L/D	2
	52	478	1375	L/D	4

Table 41. Cyst counts in lake whitefish captured in experimental gillnets at Station 41, 5 August 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
41S	15	348	600	L	0
		185	75	L	0
		202	100	L	1
		212	100	L	0
		160	50	L	0
		204	100	L	0
		185	75	L	0
		152	50	L	0
		156	50	L	0
		170	50	L	0
		168	75	L	3
		195	100	L	1
		176	50	L	0
	20	305	450	L	0
		307	400	L	0
		252	225	L	0
		240	200	L	1
		257	225	L	1
		244	200	L	0
		224	150	L	1
		236	175	L	1
		227	150	L	0
		219	150	L	0
		214	125	L	0
		225	150	L	0
		215	125	L	0
		220	150	L	0
		198	100	L	5
		209	100	L	0
		205	150	L	0
		180	100	L	0
		208	125	L	7
		220	150	L	0
	28	299	375	L	0
		364	700	L	0
		348	600	L	0
		267	225	L	0
		290	325	L	1
		246	200	L	1
		304	400	L	0
	35	339	525	L	0
		387	800	L/D	1
		288	200	L	0
		243	200	L	0
	42	395	1100	L	0
		376	1000	L	1
		360	800	L	0
		428	1150	L	0
		369	700	L	0
	52	430	1450	L	0
41D	15	381	875	L	0
		327	500	L	0
		370	800	L	0
		388	950	L	0
		341	600	L	0
		280	325	L	3
		271	300	L	0
		267	250	L	0
		227	150	L	0
		208	125	L	3
		180	100	L	0
		168	50	L	3
	20	371	750	L	1

Table 41. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
		365	725	L	0
		376	750	L	1
		349	700	L	0
		348	600	L	1
		312	450	L	5
		322	475	L	1
		324	475	L	3
		348	600	L	0
		277	300	L	0
		248	200	L	0
		246	225	L	0
		270	275	L	1
		226	175	L	0
		280	325	L	1
		267	275	L	0
		241	200	L	4
		275	200	L	2
		250	225	L	0
		302	400	L	0
		268	275	L/D	8
		290	350	L	0
		281	325	L	0
		309	450	L	0
		280	300	L	0
		266	250	L	5
	28	375	850	L	0
		423	1325	L	0
		400	1250	L	2
		351	700	L	5
		408	1075	L	1
		393	1050	L	2
		388	875	L	0
		338	575	L	1
		374	725	L	0
		357	650	L	2
		305	450	L	0
		309	475	L/D	0
		278	300	L	0
		306	425	L	2
		368	750	L	2
		399	1100	L	2
		350	700	L	0
		287	425	L	6
		289	350	L	0
		288	400	L	1
		341	625	L	1
		342	600	L	1
		283	350	L	6
		315	450	L	0
		421	1250	L	0
		345	600	L	0
		275	350	L	2
		314	500	L	14
		310	450	L	0
		273	350	L	0
		280	350	L	0
		308	400	L	0
		324	550	L	0
		320	600	L	0
		337	650	L	0
		283	350	L	0
		346	600	L	2
		255	300	L	0
		291	350	L	2
		250	250	L	3

Table 41. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
		334	550	L	2
		285	350	L	0
		285	400	L	0
		312	500	L	4
		343	675	L	1
		327	550	L	0
		283	350	L	2
		296	400	L	0
		292	400	L	0
		272	325	L	0
		254	275	L	0
		235	250	L	0
		249	300	L	3
		263	250	L	0
		222	200	L	6
	35	400	1125	L	0
		325	500	L	0
		390	975	L	0
		368	825	L	1
		392	950	L	0
		380	825	L	0
		346	625	L	1
		370	750	L	0
		342	650	L	0
		374	750	L	0
		334	500	L	0
		353	675	L	0
		312	475	L	0
		326	500	L	0
		421	1250	L	0
		330	600	L	1
		283	350	L	5
		400	975	L	1
		366	900	L	4
		355	800	L	1
		391	1000	L	3
		350	625	L	0
		348	700	L	0
		341	625	L	1
		333	500	L	0
		382	900	L	0
		361	700	L	1
		342	625	L	0
		381	900	L	1
		338	625	L	0
		405	950	L	0
		378	825	L	0
		332	550	L	0
		304	425	L	0
		353	625	L	0
		361	750	L	2
		376	900	L	3
		353	750	L	0
		342	700	L	2
		378	775	L	2
		357	700	L	0
		394	950	L	1
		413	1050	L	0
		381	850	L	0
		388	950	L	0
		374	825	L	2
		380	925	L	3
		392	1000	L	0
		401	1000	L	1
		337	575	L	0

Table 41. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
		329	525	L	0
		318	475	L	2
		314	500	L	1
		300	425	L	5
		284	400	L	0
		361	800	L	0
		320	525	L	0
		382	900	L	0
	42	430	1325	L	3
		399	1025	L	0
		415	1050	L	0
		391	900	L	2
		372	875	L	1
		340	625	L	0
		374	850	L	1
		389	850	L	0
		357	750	L	4
		349	650	L	2
		368	775	L	0
		327	550	L	0
		312	475	L	0
		372	850	L	0
		405	1100	L	3
		372	950	L	1
		378	800	L	0
		330	525	L	1
		380	950	L	0
		334	600	L	0
		352	700	L	0
		352	700	L	0
		382	1000	L	0
		380	925	L	3
		345	750	L	0
		342	600	L	1
		364	750	L	0
		345	600	L	0
		350	625	L	0
		359	775	L	0
		321	550	L	0
		371	850	L	2
		366	800	L	0
	52	422	1150	L	0
		412	1125	L	0
		438	1250	L	0
		405	1150	L	0
		395	1000	L	0
		425	1150	L/D	0
		396	1000	L	0
		387	900	L	0
		415	1150	L	0
		419	1100	L/D	2
		384	950	L	0
		414	1075	L	0
		389	925	L	0
		395	1050	L	1

Table 42. Cyst counts in lake whitefish captured in experimental gillnets at Station 41, 23 August 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
41S	15	171	50	L	0
	20	250	175	L	3
	28	336	500	L	0
		274	275	L	2
		273	225	L	3
	35	413	1025	L	0
		329	350	L	0
		378	675	L	1
	42	410	975	L	0
		406	975	L	1
41D	15	416	1175	L	0
		172	50	L	1
		181	50	L	4
		170	50	L	0
	20	289	325	L	7
	28	398	925	L	2
		290	275	L	0
		292	300	L	0
		268	250	L	2
	35	375	675	L	1
	52	423	1350	L	4

Table 43. Cyst counts in lake whitefish captured in experimental gillnets at Station 42, 2 July 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
42S	15	194	75	L	0
		204	75	L	0
	20	301	375	L	5
	35	306	375	L	0
		440	1275	L/D	1
		454	1475	L	1
42D	15	197	75	L	0
		185	50	L	0
		204	100	L	1
		160	25	L	3
		198	50	L	3
	20	264	250	L	1
	28	349	575	-	0
	35	377	700	L	2
		316	375	L	3
		381	775	L	0
		389	875	L	0
	42	375	675	L	1
	52	384	750	L	6

Table 44. Cyst counts in lake whitefish captured in experimental gillnets at Station 42, 7 August 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
42S	15	162	50	L	0
		155	50	L	0
		154	50	L	1
	52	409	1350	L	3
42D	20	361	700	L	0
		270	300	L	2
		243	200	L	1
		240	200	L	5
		231	150	L	0
		251	175	L	0
		248	200	L	3
		230	125	L	0
		239	175	L	3
		365	800	L	0
		250	150	L	0
		221	150	L	0
		206	100	L	10
		233	175	L	1
		230	150	L	1
		228	125	L	3
		197	100	L	1
		176	50	L	0
	28	262	225	L	0
		265	275	L	0
		256	250	L	1
		325	475	L	0
		343	550	L	5
		276	300	L	0
		246	200	L	2
		245	200	L	2
		272	275	L	0
		309	425	L	2
		353	650	L	0
		271	275	L	2
		232	200	L	0
	35	492	2175	L	2
		314	475	L	0
		326	450	L	0
		302	400	L	1
		410	1025	L	0
		356	650	L	3
		311	375	L	0
		327	500	L	0
		398	975	L	0
		309	425	L	1
		308	400	L	1
		294	350	L	0
	42	483	1725	L	1

Table 45. Cyst counts in lake whitefish captured in experimental gillnets at Station 43, 30 June 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
43S	20	271	250	L	0
		374	725	L	3
		277	275	L	1
		436	1175	L	1
	28	264	250	L	5
		332	500	L	0
		469	1525	L	0
		387	775	L	1
		269	250	L	0
		264	250	L	2
		266	250	L	0
		252	200	L	0
		251	200	L	0
	35	307	375	L	1
		411	975	L	0
		406	925	L	0
		343	625	L	1
		341	525	L	1
		409	1225	L	1
		418	925	L	6
		374	975	L	0
	52	438	1250	L	1
43D	20	382	750	L	1
		306	350	L	0
		287	325	L	1
		351	625	L	0
		299	350	L	2
		334	550	L	0
	28	309	375	L	1
		293	325	L	1
		305	350	L	0
		304	350	L	5
		267	225	L	3
		261	225	L	0
		258	225	L	0
	42	410	1025	L	0

Table 46. Cyst counts in lake whitefish captured in experimental gillnets at Station 43, 3 August 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
43S	15	182	75	L	5
		162	50	L/D	1
	20	256	200	L	0
	28	330	450	L/D	5
		240	200	L	0
	35	396	825	L	3
		374	800	L/D	1
		334	500	L	0
43D	15	181	75	L	4
		202	125	L	8
		265	225	L	0
		231	150	L	4
		206	100	L	0
		203	100	L	1
		215	125	L	0
		168	50	L	0
		169	50	L	0
		168	50	L	2
		153	50	L	3
		164	50	L	0
		145	50	L	0
	20	235	200	L	0
		243	175	L	1
		190	100	L	0
		214	125	L	2
	28	358	675	L/D	5
		279	275	L	0
	35	392	850	L	4

Table 47. Cyst counts in lake whitefish captured in experimental gillnets at Station 43, 22 August 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
43S	15	195	75	L	0
		180	50	L/D	2
		182	50	L/D	5
		175	50	L/D	3
		170	50	L	0
	20	178	50	L	0
		186	75	L	0
		188	75	L	0
		185	75	L	0
		204	100	L	1
		222	125	L	0
		263	225	L	0
		212	100	L	0
		214	100	L	0
		225	125	L	0
		215	125	L	1
		205	100	L	0
		355	550	L	3
		294	325	L/D	0
		226	125	L	0
		251	200	L	3
		208	100	L	3
		229	150	L	2
		347	525	L	3
		250	200	L	0
		286	325	L	0
		201	100	L	1
		225	150	L	0
		241	175	L	0
		253	200	L	0
	28	228	200	L	5
		265	250	L	2
		268	225	L	0
		352	675	L	1
		260	225	L	0
		300	325	L	0
	35	315	450	L	4
		392	825	L/D	2
		417	1125	L	0
		291	350	L	3
		330	525	L	0
		318	425	L/D	2
		419	1275	L	0
43D	15	428	1050	L/D	6
		188	75	L	3
		211	100	L	0
		403	900	L	0
		173	50	L	0
		185	75	L	0
		183	50	L	1
		173	50	L	0
		158	50	L	1
		188	75	L	1
	20	269	275	L	0
		241	175	L	2
		223	150	L	9
		303	350	L	2
		227	150	L	0
		286	275	L	0
	35	412	1000	L	0
	42	403	925	L	0
		367	725	L	2
		313	450	L	0

Table 48. Cyst counts in lake whitefish captured in experimental gillnets at Station 50, 22 June 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
50S	15	211	100	L/D	1
		199	100	L	0
		206	100	L	0
		169	50	L	1
	20	368	750	D	2
		392	850	D	0
		304	425	L/D	0
		313	425	L	1
	28	340	475	D	1
		337	475	L	0
		351	600	L/D	1
		288	300	L	0
	52	454	1575	L/D	0
		438	1175	D	0
50D	15	177	50	D	2
	20	286	300	L	6
		284	300	L	9
		322	475	L	4
		314	400	L	0
		270	250	L	1
	28	324	425	L	7
		250	225	L	0
		325	450	L/D	0
	35	304	375	D	0
		340	500	L	5
		367	650	L/D	1
		316	400	L	3
		411	1025	L	0
		312	400	L	0
	42	415	1050	D	3

Table 49. Cyst counts in lake whitefish captured in experimental gillnets at Station 50, 26-27 July 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
50S	15	412	1100	L	1
		395	925	L/D	4
		221	125	L	1
		215	100	L	0
		366	675	L/D	3
		393	1000	D	1
		181	100	D	0
		167	50	D	1
	20	277	275	L	4
		207	125	L	0
		211	125	L/D	0
	28	339	525	L/D	0
		301	375	D	2
		334	525	L	7
		317	425	L/D	1
		332	400	L/D	2
		346	550	L	0
	35	441	1250	D	2
		333	550	D	0
		373	700	D	2
	52	410	1100	L/D	6
		441	1175	D	2
50D	15	163	50	1	0
	20	385	850	L/D	0
		329	450	L	1
		277	250	L	0
		233	150	L	0
		369	675	L	0
		394	750	L	3
		304	300	L	3
		302	325	D	0
		208	100	L	1
		208	100	L	0
	28	373	675	D	0
		328	425	L/D	0
		468	1450	L/D	2
		327	475	D	3
		419	1150	L	0
		287	300	L/D	0
		361	575	L/D	8
		324	400	L	1
	35	430	1200	D	1
		338	500	D	0
	42	413	1200	L	0

Table 50. Cyst counts in lake whitefish captured in experimental gillnets at Station 50, 15 August 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
50S	15	434	1125	L/D	0
		177	50	L/D	3
		164	50	L/D	2
	20	439	1150	D	5
		414	1000	L/D	0
		351	550	L	2
		310	325	D	8
		236	175	D	8
	28	335	450	L/D	0
		354	550	L	0
		390	825	L/D	0
		246	175	D	2
		381	675	L/D	1
		314	350	L/D	3
		265	225	D	0
	42	391	850	D	0
		359	650	L/D	2
		386	775	D	1
		380	750	L/D	4
		386	875	D	1
		351	600	D	2
	52	377	775	L/D	0
50D	15	200	75	L/D	0
		192	75	L	0
		170	50	L	3
		179	50	L	1
		240	100	L	3
		189	75	L/D	0
		168	50	L	1
		180	75	L/D	0
		193	50	L	1
		187	50	L	1
		184	50	L/D	3
	20	335	450	L/D	4
		293	325	L/D	4
		323	425	L/D	9
		310	350	L/D	3
		312	375	L	1
		315	350	L/D	4
		392	875	D	2
		223	125	D	0
		261	225	L	4
		424	1150	D	5
	28	334	525	L/D	5
		345	500	D	5
		390	850	L	2
		336	445	L	2
		287	300	L/D	1
		335	575	L/D	4
		310	325	D	3
		316	400	D	0
		313	375	L/D	0
	35	322	425	L	0
		350	600	L/D	6
		317	400	D	10
		361	575	L/D	4
		319	400	D	0
		330	450	L/D	6
		388	850	D	4
		375	750	L	4
		351	550	D	0
		360	500	L	2
		365	625	D	1

Table 50. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
		400	925	D	0
	42	368	700	L/D	4
		388	850	L/D	1
		415	1100	D	8
		410	1000	L/D	2
		359	600	D	1
		372	700	D	2
		399	825	L/D	0
	52	420	1300	D	15
		405	1000	L/D	0

Table 51. Cyst counts in lake whitefish captured in experimental gillnets at Station 51, 25 June 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
51S	15	158	25	L	0
		170	50	L	0
		137	50	L	0
		173	50	L	2
		176	50	L	0
	20	280	250	L	7
	28	387	850	D	1
		313	400	L	1
		293	250	L	1
	35	348	550	L	6
		351	575	L	0
		346	475	L/D	4
	42	412	1000	D	1
51D	15	182	50	L/D	0
	20	277	250	L	2
		299	350	L	1
		271	250	L	1
		267	200	L	0
		253	150	L	2
		295	325	L	11
		288	225	L	0
		258	200	L	2
		270	200	L	0
		259	225	L	0
		266	200	L	4
	28	271	225	L	0
		343	525	L	0
		277	225	L	2
		258	200	L	4
		254	175	L	0
		314	325	L	0
		251	175	L	1
		322	400	L	1
		287	275	L	5
	35	345	500	L	1
		349	575	L	0
		327	450	L	1
		338	475	L	4
	42	344	500	L	0
		392	775	L	0
		370	650	L	0
		367	600	L	4

Table 52. Cyst counts in lake whitefish captured in experimental gillnets at Station 51, 31 July 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
51S	15	172	25	L	0
		182	50	L	0
		233	150	L	5
		170	50	D	1
		184	75	L	0
		167	50	L/D	4
		155	50	L	0
		145	50	L/D	2
		184	75	L	0
		165	50	L	0
	20	364	650	D	2
		274	250	L/D	7
		252	200	L/D	3
		300	275	L	1
		240	150	L	0
		290	300	L	8
		263	200	L	0
		260	175	L	5
	28	430	1200	L/D	3
	35	382	875	D	1
		315	400	D	0
	42	413	1000	L/D	5
	52	475	1800	L/D	0
51D	15	219	125	L	0
		165	50	L	0
		181	75	L	0
	20	280	275	L/D	2
		289	275	L	0
		240	150	L	1
		236	175	L	0
		238	150	L	2
		210	100	L/D	0
		268	225	L	0
		223	125	L	1
		220	125	L	0
		200	100	L	5
		200	100	L	0
	28	426	1250	L	2
		370	750	L	0
		306	375	L/D	0
		314	400	L	0
		314	350	L	0
		261	200	L	1
		285	250	L/D	1
		260	200	L	4
	35	389	875	L	0
		375	775	L	0
		325	400	L/D	0
		366	625	L	0
	42	454	1225	D	0

Table 53. Cyst counts in lake whitefish captured in experimental gillnets at Station 51, 18 August 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
51S	15	200	100	L	0
		193	75	L	0
		192	75	L	1
		150	50	L	3
		198	100	L	1
		171	50	L	0
	20	252	200	L	0
	28	360	625	L	4
	35	409	925	D	4
		304	400	L/D	0
	42	412	1000	L	1
51D	15	381	750	L	3
		177	50	L	6
		213	100	L	0
		195	75	L	1
		182	75	L	2
		159	50	L	0
		181	50	L	0
		182	50	L	0
		180	50	L	0
		192	75	L	3
		190	75	L	0
	20	334	475	L	0
		251	200	L	0
		240	150	L	2
		260	200	L	0
		244	175	L	3
	28	311	350	L	0
		251	175	L	1
		244	175	L	1
		327	450	L	0
	35	306	350	L	0
		343	500	L	0
	42	407	950	L	3

Table 54. Cyst counts in lake whitefish captured in experimental gillnets at Station 52, 26 June 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
52S	15	210	75	L	0
		174	50	L/D	0
	20	335	500	L	0
		355	625	L	1
		211	125	L/D	3
		328	450	L	3
	28	259	225	D	4
		318	450	L/D	3
		299	400	L	3
		297	325	L	2
		319	450	L	0
		324	475	L	0
	42	422	1125	L/D	2
		373	825	D	2
		408	1025	D	35
		420	1075	D	0
		419	1050	-	1
52D	15	158	50	L	0
		183	75	D	2
		216	125	D	0
		179	75	L/D	2
		186	75	L/D	3
		185	100	L	2
	20	317	450	L	0
		374	750	L	5
		260	250	L	0
		257	200	L/D	2
	28	259	250	L/D	1
		345	550	L/D	1
		314	400	L	1
		287	300	D	9
		361	700	D	15
	35	330	475	D	4
	42	485	1825	L/D	3

Table 55. Cyst counts in lake whitefish captured in experimental gillnets at Station 52, 30 July 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
52S	15	393	850	L/D	2
		182	50	L	2
		387	825	L	0
		155	25	L/D	0
		153	25	L/D	0
	20	214	125	L	1
		389	900	L/D	1
		219	125	L/D	0
		293	300	L/D	1
		337	525	L	0
		302	350	D	0
		275	250	L	1
		243	175	L	0
		236	150	L	0
		212	100	L	2
		223	150	L	0
		235	175	L/D	1
		224	125	L	0
		260	200	L/D	7
		213	100	L	1
		202	75	L	0
		191	75	L	0
		205	100	L	0
	28	355	600	D	1
		384	800	L/D	1
		404	1075	L/D	2
		407	950	L	0
		356	600	L	0
		324	425	L	0
		309	350	L	1
		261	225	L	0
		240	175	L	2
		389	900	L/D	1
		270	250	L	0
		323	400	L/D	0
		244	200	L	1
		265	250	D	0
		286	325	L/D	0
		267	250	L	1
		242	200	D	0
	35	326	450	D	0
		347	525	L	0
		364	575	L/D	0
		302	325	D	2
		322	400	L/D	2
		329	525	D	3
		304	350	L/D	0
		395	825	D	4
	42	374	850	D	1
	52	415	1050	D	4
52D	15	201	100	L	0
		187	50	L	0
	20	388	750	L/D	0
		442	1325	D	12
		373	700	D	1
		275	275	D	0
		319	375	D	1
		246	175	L	0
		259	225	D	2
		230	125	L	0
	28	339	475	L	2
		296	300	L/D	3
		308	350	L/D	2

Table 55. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
		303	300	L/D	1
		264	200	L	0
		340	475	L	0
		390	800	L/D	3
		403	850	L/D	3
		305	350	D	1
		325	450	L/D	0
		315	400	L/D	2
		244	200	L/D	0
		301	350	L	0
		233	150	L/D	0
	35	290	350	L	7
		343	550	L/D	0
		368	650	L/D	0
		362	675	D	4
		308	350	L/D	0
		340	500	L	5
		345	500	D	1
	42	403	950	D	3
		394	850	D	2
		411	1000	D	4
		366	700	D	4
		370	625	D	1
		404	900	L/D	3
	52	423	1150	D	8
		434	1200	L/D	3
		400	800	D	6

Table 56. Cyst counts in lake whitefish captured in experimental gillnets at Station 52, 19 August 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
525	15	205	100	L	1
		200	100	L/D	3
		215	125	L/D	1
		185	75	L/D	0
		161	50	L/D	0
		162	50	L	0
		163	50	L/D	0
		180	50	L	0
	20	411	1125	D	1
	28	368	625	L	0
		332	425	L/D	0
		307	375	L	1
		328	425	L/D	7
		335	475	L/D	0
		249	175	L	0
		370	725	D	0
		380	950	D	2
		323	425	L/D	1
		318	400	D	0
		330	400	D	3
		350	500	L	0
		331	450	L	0
		323	400	D	0
	35	453	1500	D	5
		420	1200	D	16
		415	1075	D	1
		345	550	D	0
		336	500	D	0
	42	390	975	L/D	0
		395	850	D	1
	52	395	1000	D	2
		375	750	D	1
		410	1000	L	0
520	15	264	275	L	0
		187	100	L	0
		143	50	L	0
		165	50	L/D	2
		182	75	L	1
		190	100	L	0
		183	75	L	2
		193	100	L	0
		141	50	L	1
		162	50	L/D	0
		190	100	L	0
		213	125	L	1
		175	75	L/D	5
		237	175	L	0
	20	377	775	D	2
		300	325	D	0
		345	550	L/D	0
		311	375	L/D	4
		373	750	L/D	0
		357	625	L	3
		239	175	L	2
		374	675	L	0
		328	475	L/D	0
		280	275	D	1
		275	275	L/D	1
	28	236	150	D	1
		234	150	L	10
		324	450	L/D	9
		375	725	L	1
		207	125	L	3

Table 56. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
		232	150	L	1
		225	125	L	0
	35	412	1075	L	0
		417	1075	L/D	2
		397	850	D	1
		352	575	D	0
		332	500	L/D	0
	42	401	950	D	2
	52	419	1050	D	1

Table 57. Cyst counts in lake whitefish captured in experimental gillnets at Station 53, 23 June 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
53S	28	390	850	L	0
	42	433	1150	L	1
53D	15	153	50	L	0
	35	321	450	L	1
		359	625	L	4

Table 58. Cyst counts in lake whitefish captured in experimental gillnets at Station 53, 28 July 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
53S	20	372	875	D	1
		250	225	L/D	1
	28	309	400	D	2
		412	900	D	0
	35	353	550	D	9
		389	825	D	2
	52	414	1200	D	4
		425	1250	D	8
		442	1300	D	11
		425	1200	D	64
53D	15	152	25	D	0
	20	419	1200	D	1
	28	395	925	D	5
	35	425	1250	D	0
		430	1175	D	2
	42	434	1175	D	2
		335	500	D	3
	52	423	1150	D	6

Table 59. Cyst counts in lake whitefish captured in experimental gillnets at Station 53, 17 August 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
53S	15	161	50	D	0
	20	221	150	D	0
		196	100	L/D	0
		230	125	D	2
	28	378	675	D	1
		400	825	D	1
		309	350	D	3
		210	100	D	0
	35	399	850	D	22
53D	15	412	1075	D	2
		155	50	D	0
		230	125	L/D	3
		150	50	D	1
		151	50	L/D	3
		153	25	D	7
		148	50	L/D	0
		153	50	D	2
		174	50	L/D	1
	20	326	475	D	0
		390	800	D	8
		305	325	L/D	0
	28	390	900	D	1
		412	1000	D	4
	35	434	1150	L/D	6
		316	425	D	4
		324	450	D	0
	42	416	800	L	2
	52	407	1100	D	0

Table 60. Cyst counts in lake whitefish captured in experimental gillnets at Station 60, 14-18 June 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
60S	15	153	90	L	0
		166	90	L	2
		145	75	L	1
	20	335	575	L	0
		250	200	L	1
		289	350	L	0
		234	175	L	3
		315	475	L	1
		280	325	L	0
		232	150	L	0
		257	250	L	1
		257	225	L	2
		272	300	L	1
		274	300	L	2
		290	375	L	2
		276	275	L	0
		264	250	L	2
		247	200	L	0
		269	300	L	0
		307	450	L	4
		288	425	L	0
		244	225	L	7
		276	300	I	2
	28	278	300	L	2
		269	250	L	3
		305	325	L	0
		256	225	L	0
		252	225	L	6
		262	200	L	1
		259	250	L	0
		262	275	L	0
		232	150	L	0
		249	225	L	12
		237	175	L	0
		270	300	L	1
		242	200	L	0
		252	200	L	0
		274	200	L	2
		271	300	L	0
		269	275	L	0
		237	175	L	0
		241	200	L	1
		272	300	L	1
		226	175	L	1
		263	250	L	2
		244	200	L	3
		218	125	L	1
		227	150	L	4
		244	200	L	0
		219	150	L	0
		300	425	L	0
		32C	525	L	2
		303	425	L	0
		304	450	L	0
		269	275	L	1
		247	250	L	0
		223	150	L	4
		261	275	L	4
		208	150	L	0
		243	200	L	2
		233	175	L	0
	35	291	350	L	1
		276	300	L	0
		270	399	L	0

Table 60. Cont'd.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
		289	350	L	0
		290	375	L	1
		270	300	L	2
		287	350	L	0
		286	375	L	2
		303	475	L	2
		282	350	L	4
		294	375	L	5
		368	825	L	0
		294	400	L	2
	42	372	750	L	1
		347	575	L	0
	52	400	1050	L	2

Table 61. Cyst counts in lake whitefish captured in experimental gillnets at Stations 61 and 62, 8-17 June 1982.

Station	Mesh	Length (mm)	Weight (g)	Color	Cysts
61S	15	173	50	L	0
	20	332	560	L	4
		282	350	L	0
		250	200	L	0
		294	300	L	3
		284	300	L	1
		292	350	L	0
		388	750	L	1
		376	725	L	2
		298	325	L	1
	28	250	175	L	0
		313	375	L	6
		243	200	L	2
		252	225	L	10
		271	250	L	1
	35	359	750	L	1
		379	825	L	2
		312	400	L	2
		343	550	L	3
		378	750	L	1
		325	450	L	1
	42	450	1600	L	1
		402	875	L	0
		388	975	L	5
		374	700	L	1
		379	825	L	1
		372	650	L	1
62S	15	178	50	L	0
		174	50	L	1
		184	50	L	0
	20	269	250	L	1

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